



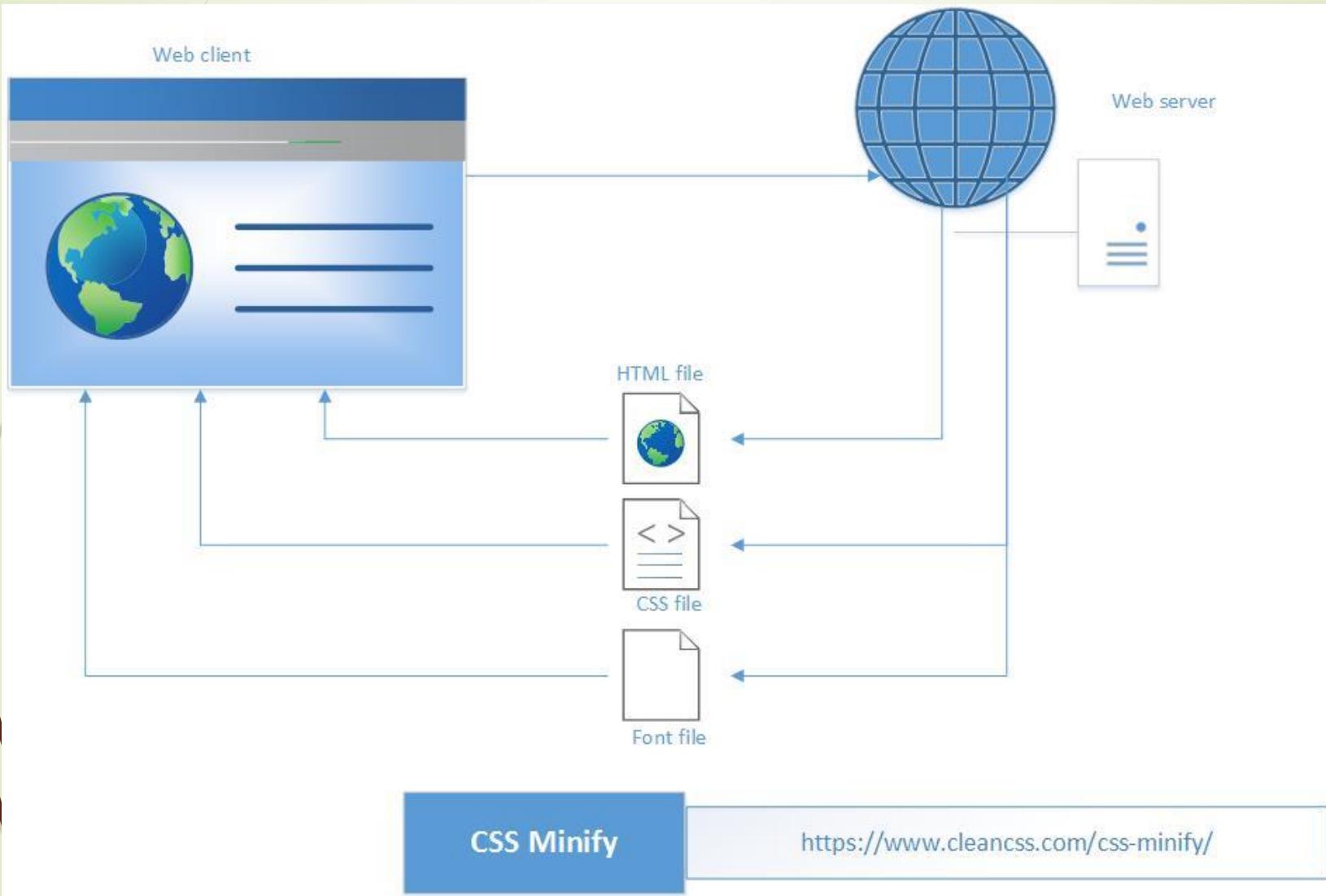
# **Cascade Style**

## **Sheet 3**

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# Renderovanje



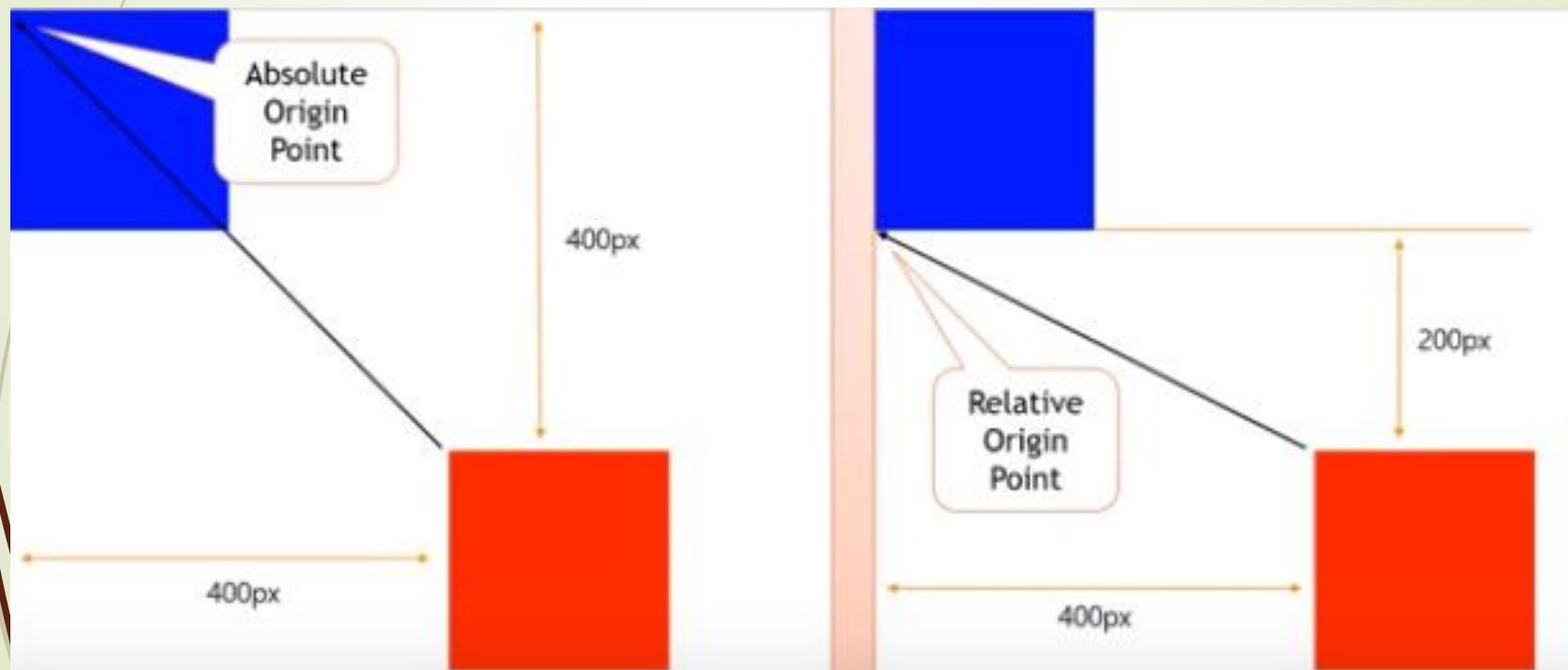
# Pozicioniranje sadržaja

- ▶ Osnovna tehnika za pozicioniranje sadržaja je svojstvo **position**.
  - ▶ Ukoliko je vrednost svojstva: *relative*, *absolute* ili *fixed*, dostupna su i dodatna svojstva: *top*, *right*, *bottom*, *left*.
- ▶ Može se koristiti osobina **float**, ali je trend je da se ova osobina što manje koristi (tj. da se koristi samo za "*obavijanje teksta oko bloka*").

# Raspored elemenata na stranici

- ▶ CSS svojstvo **position** zadaje poziciju elementa na stranici
- ▶ Ranije su elementi imali relativnu poziciju – njihov položaj zavisio je od drugih elemenata na stranici
- ▶ **Apsolutno** raspoređivanje omogućava postavljanje objekta u odnosu na levu ivicu i vrh stranice
- ▶ Primenom absolutnog pozicioniranja element se može postaviti bilo gde na stranici, *unutar njegovog roditeljskog elementa.*
- ▶ **Relativno** raspoređivanje omogućava pomeraj objekta u odnosu na njegovu trenutnu poziciju.
- ▶ Korišćenjem absolutnog raspoređivanja jedan elemenat može se postaviti preko drugog.

# Apsolutno i relativno pozicioniranje - razlike



# Primer 1. apsolutno

```
<title>Apsolutna pozicija</title>

<style>
    .pomeraj{
        position: absolute;
        top: 75px;
        left: 100px;    }
</style>

</head>
<body>
    
    
</body>
</html>
</body>
</html>
```



Bez klase  
pomeraj



Sa klasom  
pomeraj



# Primer 1. relativno

```
<title>Relativna pozicija</title>

<style>
.pomeraj{
position:relative;
top:75px;
left:0px;  }
</style>
</head>
<body>


</body>
</html>
```



# Tekstualno zaglavljje sa senkom

## Primer 2.

- Za kreiranje tekstualnog zaglavlja sa senkom potrebna su dva tekstualna elementa – jedan za zaglavljje, a drugi za senku
- Potrebno je napraviti dve klase:
- Klasu zaglavlja:
  - .tekst {**position:absolute;** top:7px; left:1px;  
font-size:100px;  
font-family:arial black, impact helvetica, verdana;  
color: orangered}
- Klasu senke:
  - .senka {**position:absolute;** top:15px; left:7px;  
font-size:100px;  
font-family:arial black, impact helvetica, verdana;  
color:gray}

# Tekstualno zaglavlje sa senkom

► Klase tekst i senka primeniti na dva identična tekstualna elementa u zasebnim elementima **<div>**:

```
<body>
  <div class="senka">BPŠ</div>
  <div class="tekst"> BPŠ</div>
</body>
```



```
<html>
<html> <head>
    <title> Senka </title>
    <style type="text/css">
        .tekst {position:absolute; top:7px; left:1px;
                font-size:100px;
                font-family:arial black;color:orangered}
        .senka {position:absolute; top:15px; left:7px;
                font-size:100px;
                font-family:arial black;color:gray}
    </style></head>
<body>
<div class="senka"> BPŠ</div>
<div class=" tekst ">BPŠ</div>
<body>
</html>
```

# Upotreba svojstva text-shadow

```
<html>
<head>
    <title> Senka </title>
    <style type="text/css">
        .tekst_sa_senkom {
            position: absolute;
            top: 7px;
            left: 1px;
            font-size: 100px;
            font-family: arial black;
            color: orangered;
            text-shadow: 7px 7px 7px gray;
        }
    </style>
</head>
<body>
    <div class="tekst_sa_senkom">BPŠ</div>
</body>
</html>
```



# Svojstvo float i clear

- ▶ Vrednost **float:left** će teći **od krajnje desne ivice na levo** sve dok ne nađe svoje mesto.

lipiscing elit. Phasellus rem egestas odio, vitae tecenas nisl est, ultrices nec us vestibulum augue ut are eu, lobortis in odio. hendrerit risus congue. Nunc dignissim ac. In at libero sed

- ▶ **float:right**

- ▶ div3 ima svojstvo float: left; div4 ima svojstvo clear: left;



This is some text. This is s  
text. This is some text. Thi  
some text. This is some tex  
This is some text. This is s  
text. This is some text. Thi  
ome text. This is some text. This is some  
This is some text.



div3

div4 - Here, clear: left; moves div4 down be  
floated to the left. You can also clear "right"

# Pokretne slike u ugлу i naslov

.floatright

{

```
float: right;  
width: 103px;  
margin: 0 30px 10px 10px;  
background-color: #fff;  
padding: 10px;  
border-top: 1px solid #999;  
border-right: 2px solid #555;  
border-bottom: 2px solid #555;  
border-left: 1px solid #999;
```

}

img

{

```
border-top: 2px solid #555;  
border-right: 1px solid #999;  
border-bottom: 1px solid #999;  
border-left: 2px solid #555;
```

}

## CSS

## POKRETNA SLIKA

Tekst ce se pomerati oko slike...Tekst ce se pomerati  
oko slike Tekst ce se pomerati oko slike...Tekst ce se  
pomerati oko slike...Tekst ce se pomerati oko  
slike...Tekst ce se pomerati oko slike Tekst ce se  
pomerati oko slike...Tekst ce se pomerati oko  
slike...Tekst ce se pomerati oko slike...Tekst ce se  
pomerati oko slike...Tekst ce se pomerati oko  
slike...Tekst ce se pomerati oko slike...Tekst ce se



Tekst slike

```
<body>
```

```
  <div class="floatright">  
    <br>  
    Cveće</div>
```

```
  <p>Lorem ipsum dolor sit amet,  
consectetuer...</p>  
</body>
```

# Upotreba svojstva clear

## CSS CODE

```
.floatright
```

```
{
```

```
    float: right;
```

```
    margin:0px 50px 10px 10px;
```

```
    clear: right;}
```

Tekst oko slike...Tekst oko slike...Tekst oko  
like...Tekst oko slike...Tekst oko slike...Tekst oko

Tekst oko slike...Tekst oko slike...Tekst oko  
like...Tekst oko slike...Tekst oko slike...Tekst oko

## HTML CODE

```
  
  

```



```
<p>Tekst oko slike...Tekst oko slike...Tekst  
oko slike...Tekst oko slike...Tekst oko  
slike...Tekst oko slike...</p>
```

```
<p>Tekst oko slike...Tekst oko slike...Tekst  
oko slike...Tekst oko slike...Tekst oko  
slike...Tekst oko slike...</p>...
```

# Kreiranje foto galerije

html

```
<div class="slicica"><a href="Slike\1.jpg"></a><br>Cipela </div>
<div class="slicica"><br>Ruža </div>
<div class="slicica"><br>Cveće </div>
<br class="clearboth">
<div class="slicica"><br>Meda </div>
<div class="slicica"><br>Knjiga </div>
<div class="slicica"><a href="Slike\6.jpg"></a><br>Neven </div>
<br class="clearboth">
<div class="slicica"><br>Makaze </div>
<div class="slicica"><br>Šolja </div>
<div class="slicica"><br>Jagoda </div>
<br class="clearboth">
```



Cipela



Ruža



Cveće



Meda



Knjiga



Neven

CSS

```
.slicica{
    float:left;width:60px;border: 1px solid #999;
    margin: 0 15px 15px 0;padding: 5px;}
.clearboth {
    clear: both; }
```

# Z - index

- ▶ Svojstvo z-index određuje redosled pozicioniranja elemenata u sloju.
- ▶ Služi za kreiranje još jedne ose na koju mogu da se redaju i preklapaju stavke.
- ▶ Ovo je korisno kod pozicioniranja pošto se može definisati koji provougaonik dolazi u prvi plan, a koji se nalazi ispod njega.

**z-index: vrednost;**

## CSS

```
body {  
    background: #000000;  
    color: #ffffff;  
}  
  
#mainblock {  
    position: relative;  
    left: 100px;  
    top: 20px;  
    width: 500px;  
    height: 200px;  
    background:#870a0a;  
    color: #ffffff;  
}  
  
#yellowblock {  
    position: absolute;  
    left: 30px;  
    top: 50px;  
    width: 250px;  
    height: 100px;  
    background: #ffff00;  
    color: #000000;  
}  
  
#greenblock {  
    position: absolute;  
    left: 30px;  
    top: 30px;  
    width: 100px;  
    height: 50px;  
    background: #00c000;  
    color: #000000;  
}
```

# Z-index primer

## HTML

```
<div id="mainblock">  
    Ovo je mainblock.  
    <div id="yellowblock">  
        Ovo je yellow block.  
    </div>  
    <div id="greenblock">  
        Ovo je green block.  
    </div>  
</div>
```

Postavi z-index:2 za žuti  
z-index:1 za zeleni!

# Z-index

```
div>div {  
    width: 350px;  
    border: 3px solid gray;  
    box-sizing:border-box;  
    background-color:lime; }  
  
#ispod {  
    position: absolute;  
    left: 0px;  
    top: 0px;  
    z-index: -1; }  
  
#iznad {  
    position: absolute;  
    left: 300px;  
    top: 50px;  
    z-index: 1; }  
  
h2 {  
    color:white;  
    padding:15px;}
```

## CSS



## html

```
<body>  
    <h2>Slika sa objašnjenjem ispod:</h2>  
    <div id="iznad">  
          
        <div>Ova slika ima širinu od 350px. Ovaj div  
        element takođe je širine 350px.</div>  
    </div>  
      
</body>
```

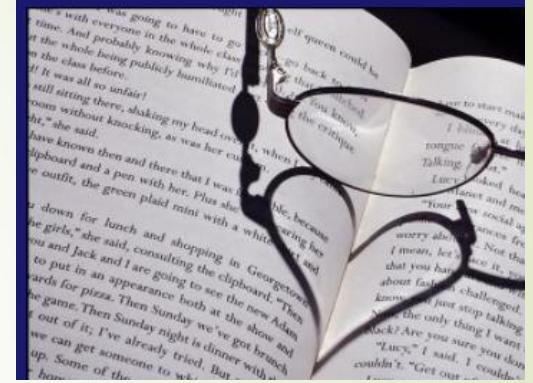
# Transparentne slike

```
<style>
    img {
        opacity: 0.3;
        filter: alpha(opacity=30);
    }
</style>
</head>
<body style="background-color:midnightblue">

    <h2>Prozirna slika</h2>

    
```

## Nerozirna slika



## Prozirna slika



# Display: (inline)(block)inline-block

```
.floating-box {  
    float: left; CSS_1. način  
    width: 150px;  
    height: 75px;  
    margin: 10px;  
    padding-left: 10px;  
    border: 3px solid  
    midnightblue;  
    color: midnightblue;  
    background-color: lime;  
}  
  
.after-box {  
    clear: left; /*both*/  
    border: 3px solid lime;  
    color: lime;  
    background-  
    color: midnightblue;  
    padding: 10px;  
}
```

```
.floating-box {  
    display: inline-block;  
    ...;  
}  
.after-box {  
    border: 3px solid red;  
CSS_2. način
```

## html

```
<div class="floating-box">Plutajuća kutija</div>  
  
<div class="after-box">Ova kutija dolazi nakon  
plutajućih kutija...</div>
```

# Dugme menija

```
<style>
a:link, a:visited {
    background-color:
midnightblue;
    color: azure;
    padding: 14px 25px;
    text-align: center;
text-decoration: none;
    display: inline-block;
}

a:hover, a:active {
    background-color: azure;
color:midnightblue;
}
</style>
```

border-radius: 10px



Skidanje linije ispod linka



```
<a href="#" target="_blank">LINK1</a>
<a href="#" target="_blank">LINK2</a>
<a href="#" target="_blank">LINK3</a>
<a href="#" target="_blank">LINK4</a>
```

# Dugme BACK i NEXT

## CSS CODE

```
ul#navigacija{list-style-type:  
none;margin: 0;padding: .5em  
0;border-top: 1px solid #666;}  
  
ul#navigacija li a{display:  
block;width: 7em;color:  
#FFF;background-color:  
#036;padding: .2em 0;text-  
align: center;  
text-decoration: none;}  
  
ul#navigacija li a:hover{color:  
#FFF;background-color: #69C;}  
  
ul#navigacija .levo { float:left; }  
  
ul#navigacija .desno { float:  
right; }
```

## HTML CODE

```
<p>Lorem ipsum dolor sit  
amet...</p><ul  
id="navigacija"><li  
class="levo">  
  
<a  
href="#">PRETHODNA  
</a></li>  
  
<li class="desno">  
  
<a  
href="#">SLEDEĆA</a>  
</li></ul>
```

...amet...

PRETHODNA

SLEDEĆA

# Kreiranje vertikalne navigacije 1

```
<body>
  <ul> <li><a href="#">Home</a></li>
    <li><a href="#">Bigrafija</a></li>
    <li><a href="#">Radovi</a></li>
    <li><a href="#">Slike</a></li>
    <li><a href="#">Kontakt</a></li></ul>
</body>

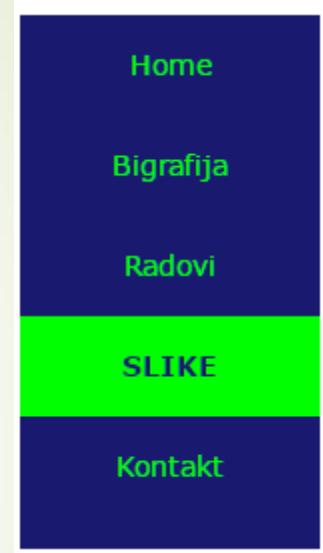
<style>
  ul{
    width:150px; height:50px; text-align:center;
    font-family:Verdana, Geneva, sans-serif;
    font-size:14px; margin:0; padding:0; }

  li{
    width:150px; height:50px; list-style:none; }

  a{
    background:midnightblue repeat-x; width:150px; height:50px;
    text-decoration:none; color:lime; display:block; padding-top:16px; }

  a:hover{
    background:lime repeat-x; color:midnightblue; font-weight:bold;
    text-transform:uppercase; }

</style>
```



# Kreiranje vertikalne navigacije 2

```
<body>
    <ul id="navigacija"> <li><a href="#">Home</a></li>
        <li><a href="#">Biografija</a></li>
        <li><a href="#">Radovi</a></li>
        <li><a href="#">Slike</a></li>
        <li><a href="#">Kontakt</a></li></ul>
</body>
```

```
ul#navigacija
{
    margin-left: 0;
    padding-left: 0;
    list-style-type: none;
}
ul#navigacija a
{
    display: block;
    text-decoration: none;
    background:midnightblue;
    color: lime;
    padding: 10px;
    border-bottom: 1px solid #808080;
    width: 7em;
}
```

```
#navigacija a:hover
{
    display: block;
    text-decoration: none;
    background:magenta;
    color: lime;
    padding: 10px;
    border-bottom: 1px solid #808080;
    width: 7em;
}
```

# Kreiranje horizontalne navigacije

```
ul#navigation
{
    margin-left: 0;
    padding-left: 0;
    list-style-type: none;
    background: #036;
}
```

```
ul#navigation li
{
    display: inline;
}
```

```
ul#navigation a
{
    display: block;
    float: left;
    padding: .2em 1em;
    text-decoration: none; color: #fff; background: #036;
    border-right: 1px solid #fff;
}
```

```
ul#navigation a:hover{
```

```
    color: #036; background:#fff ;
    border: 1px solid #036;
    margin-top : -1px;
```

Pocetna   O nama   Servisi   Zaposleni   Politika   Kontakt   Mapa sajta

```
<ul id="navigation">
    <li><a href="#">Pocetna</a></li>
    <li><a href="#">O nama</a></li>
    <li><a href="#">Servisi</a></li>
    <li><a href="#">Zaposleni</a></li>
    <li><a href="#">Politika</a></li>
    <li><a href="#">Kontakt</a></li>
    <li><a href="#">Mapa sajta</a></li>
</ul>
```



# **Vertikalni i horizontalni meni - primeri**

<http://css.maxdesign.com.au/index.htm>

# HTML isti za naredne primere

```
<div id="navcontainer">
<ul id="navlist">
<li id="active"><a href="#" id="current">Item one</a></li>
<li><a href="#">Item two</a></li>
<li><a href="#">Item three</a></li>
<li><a href="#">Item four</a></li>
<li><a href="#">Item five</a></li>
</ul>
</div>
```

# Double Border

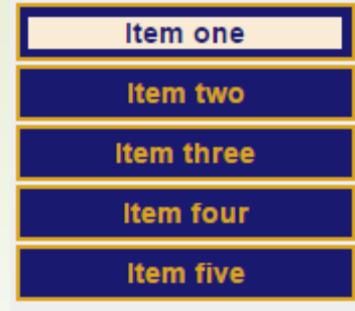
## CSS

```
ul#navlist
{
margin: 0 0 0 30px;
padding: 0;
width: 12.5%;
}

#navlist li
{
list-style-type: none;
background-color: #191970;
color: #daa520;
border: .2em solid #daa520;
font-weight: 600;
text-align: center;
padding: .3em;
margin-bottom: .1em;
}
```

```
#navlist li a
{
color: #daa520;
text-decoration: none;
display: block;
}

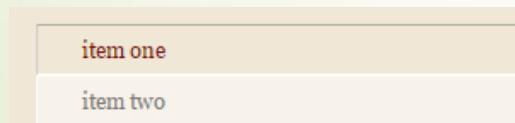
#navlist li a:hover
{
background-color: #faebd7;
color: #191970;
}
```



# Vertical Buttons

## CSS

```
#navcontainer
{
background: #f0e7d7;
width: 30%;
margin: 0 auto;
padding: 1em 0;
font-family: georgia, serif;
font-size: 13px;
text-align: center;
text-transform: lowercase;
}
ul#navlist
{
text-align: left;
list-style: none;
padding: 0;
margin: 0 auto;
width: 70%;
}
ul#navlist li
{
display: block;
margin: 0;
padding: 0;
}
```



```
ul#navlist li a
{
display: block;
width: 100%;
padding: 0.5em 0 0.5em 2em;
border-width: 1px;
border-color: #ffe #aaab9c #ccc
#fff;
border-style: solid;
color: #777;
text-decoration: none;
background: #f7f2ea;
}
#navcontainer>ul#navlist li a {
width: auto; }
ul#navlist li#active a
{
background: #f0e7d7;
color: #800000;
}
ul#navlist li a:hover, ul#navlist
li#active a:hover
{
color: #800000;
background: transparent;
border-color: #aaab9c #fff #fff
#ccc;
}
```

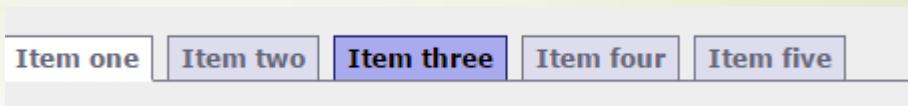
# Eric Meyer's tabbed navbar

## CSS

```
#navlist
{
    padding: 3px 0;
    margin-left: 0;
    border-bottom: 1px solid #778;
    font: bold 12px Verdana, sans-serif;
}
```

```
#navlist li
{
    list-style: none;
    margin: 0;
    display: inline;
}
```

```
#navlist li a
{
    padding: 3px 0.5em;
    margin-left: 3px;
    border: 1px solid #778;
    border-bottom: none;
    background: #DDE;
    text-decoration: none;
}
```



```
#navlist li a:link { color: #448; }
#navlist li a:visited { color: #667; }
```

```
#navlist li a:hover
{
    color: #000;
    background: #AAE;
    border-color: #227;
}
```

```
#navlist li a#current
{
    background: white;
    border-bottom: 1px solid white;
}
```

# Horizontal Buttons

## CSS

```
#navcontainer
{
background: #f0e7d7;
margin: 0 auto;
padding: 1em 0 0 0;
font-family: georgia, serif;
text-transform: lowercase; }

#navcontainer:after
{
content: ".";
display: block;
line-height: 1px;
font-size: 1px;
clear: both; }

ul#navlist
{
list-style: none;
padding: 0;
margin: 0 auto;
width: 80%;
font-size: 0.8em; }
```

```
ul#navlist li
{
display: block;
float: left;
width: 15%;
margin: 0;
padding: 0; }
```

item one

item two

i

```
ul#navlist li a
{
display: block;
width: 100%;
padding: 0.5em;
border-width: 1px;
border-color: #ffe #aaab9c #ccc #fff;
border-style: solid;
color: #777;
text-decoration: none;
background: #f7f2ea;
}
```

```
#navcontainer>ul#navlist li a { width: auto; }
```

```
ul#navlist li#active a
{
background: #f0e7d7;
color: #800000;
}
```

```
ul#navlist li a:hover, ul#navlist li#active a:hover
{
color: #800000;
background: transparent;
border-color: #aaab9c #fff #fff #ccc;
}
```

# CSS - linkovi

- ▶ [http://www.w3schools.com/css/css\\_examples.asp](http://www.w3schools.com/css/css_examples.asp)
- ▶ <http://www.csszengarden.com>
- ▶ **<http://css.maxdesign.com.au/index.htm>**

# Primer

- ▶ U opisu stila definisite tri klase:

```
div.row {clear:both; padding-top:12px}
```

```
span.label {float:left; width:110px; text-align:right}
```

```
span.element {float:right; width:350px; text-align:left}
```

Potom upotrebite definisane klase za kreiranje obrazca prikazanog na slici.

The diagram illustrates a form layout enclosed in a green dashed border. Inside, there are four input fields: 'First Name', 'Last Name', 'eMail Address', and 'Comments'. The 'Comments' field is highlighted with a pink background. Labels for 'First Name' and 'Last Name' are positioned above their respective input fields. Below the 'Comments' field is a large text area. At the bottom of the form are two buttons: 'Submit' and 'Reset'. Arrows point from the text labels 'label' and 'element' to the 'span' elements in the CSS code. Another arrow points from the word 'div' to the 'div' element in the CSS code. The 'div' element is also labeled 'div' in the diagram, indicating its role in the layout structure.

# Primer

```
<html> <head><title> CSS i obrasci </title>
<style>
div.row {clear:both; padding-top:12px}
span.label {float:left; width:110px; text-align:right}
span.element {float:right; width:350px; text-align:left}
</style></head>
<body>
<div style="width:475px; background-color:#ffffe0 :#ffffe0;
border:limegreen 1px solid; padding:5px">
<form>
<div class="row">
<span class="label"> First Name: </span>
<span class="element"> <input type="text" size="30"> </span>
</div>
<div class="row">
<span class="label"> Last Name: </span>
<span class="element"> <input type="text" size="30"></span>
</div>
<div class="row">
<span class="label"> eMail Address: </span>
<span class="element"> <input type="text" size="30"> </span>
</div>
<div class="row">
<span class="label"> Comments: </span>
<span class="element"> <textarea style="background-
color:magenta" cols="40" rows="10"> </textarea> </span>
<p>&nbsp;</p> </div>
<div class="row">
<br>&nbsp;<input type="submit" value="Submit">
&nbsp;<input type="reset" value="Reset"><br>&nbsp;</div>
</form></div></body></html>
```

# Domaći

- Stranica koja sadrži:
  - Meni
  - Animacije
  - Pseudo klase i elementi
  - Galerija slika
- Responzivna stranica