



Знакомство CSS

Занятие 3

План занятия

- Знакомство с CSS
- Типы стилей
- Синтаксис свойств
- Селекторы
- Специфичность
- Наследование

FUTURAMA

Знакомство с CSS

Знакомство с CSS



www.csszengarden.com

CSS Zen Garden

The Beauty of CSS Design

A demonstration of what can be accomplished through CSS-based design. Select any style sheet from the list to load it into this page.

Download the example [html file](#) and [css file](#)

The Road to Enlightenment

Littering a dark and dreary road lay the past relics of browser-specific tags, incompatible DOMs, broken CSS support, and abandoned browsers.

We must clear the mind of the past. Web enlightenment has been achieved thanks to the tireless efforts of folk like the W3C, WaSP, and the major browser creators.

The CSS Zen Garden invites you to relax and meditate on the important lessons of the masters. Begin to see with clarity. Learn to use the time-honored techniques in new and invigorating fashion. Become one with the web.

So What is This About?

There is a continuing need to show the power of CSS. The Zen Garden aims to excite, inspire, and encourage participation. To begin, view some of the existing designs in the list. Clicking on any one will load the style sheet into this very page. The HTML remains the same, the only thing that has changed is the external CSS file. Yes, really.

CSS allows complete and total control over the style of a hypertext document. The only way this can be illustrated in a way that gets people excited is by demonstrating what it can truly be, once the reins are placed in the hands of those able to create beauty from structure. Designers and coders alike have contributed to the beauty of the web; we can always push it further.

Participation

Strong visual design has always been our focus. You are modifying this page, so strong CSS skills are necessary too, but the example files are commented well enough that even CSS novices can use them as starting points. Please see the [CSS Resource Guide](#) for advanced tutorials and tips on working with CSS.

You may modify the style sheet in any way you wish, but not the HTML. This may seem daunting at first if you've never worked this way before, but follow the listed links to learn more, and use the sample files as a guide.

Download the sample [HTML](#) and [CSS](#) to work on a copy locally. Once you have completed your masterpiece (and please, don't submit half-finished work) upload your CSS file to a web server under your control. [Send us a link](#) to an archive of that file and all associated assets, and if we choose to use it we will download it and place it on our server.



Select a Design:

MID CENTURY MODERN
by Andrew Lohman

GARMENTS
by Dan Mall

STEEL
by Steffen Knoeller

APOTHECARY
by Trent Walton

SCREEN FILLER
by Elliot Jay Stocks

FOUNTAIN KISS
by Jeremy Carlson

A ROBOT NAMED JIMMY
by meltmedia

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So What is This About?



Museum
SAMUEL MARIN, Belgium



Attitude
STEPHANE MOENS, Belgium



Urban
MATT KIM & NICOLE, Canada



Skyroots
AXEL HEBENSTREIT, Germany



Centerfold
JOHN OXTON, United Kingdom



60's Lifestyle
EMILIANO PENNISI, Italy



Paravion
EMILIANO PENNISI, Italy



Verdure
LIM YUAN QING, Singapore



Pixelisation
LIM YUAN QING, Singapore



Medioevo
EMILIANO PENNISI, Italy



Pleasant Day
KYLE JONES, United States



Some Leafs
MICHAEL TUPY, Austria



Invasion of the Body Switchers
ANDY CLARKE, United Kingdom



Golden Cut
PETR STANICEK, Czech Republic



The Hall
MICHAEL SIMMONS, United States



Brushwood
KATRIN ZIEGER, Germany



Ragged
JOSE FLORIDO, Spain



Burnt Offering
JONNY BLAIR, United Kingdom



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DAVID M. HARRIS, United States



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DAVID M. HARRIS, United States

style=""

```
<p style="color: blue; font-size: 12px;">  
    Lorem ipsum dolor sit amet.  
</p>
```

Lorem ipsum dolor sit amet.

style="" Внутренние стили

```
<p>Lorem ipsum dolor sit amet.</p>  
<p>Lorem ipsum dolor sit amet.</p>  
<p style="color: green;">  
    Lorem ipsum dolor sit amet.  
</p>  
<p>Lorem ipsum dolor sit amet.</p>  
<p>Lorem ipsum dolor sit amet.</p>  
<p>Lorem ipsum dolor sit amet.</p>
```

Lorem ipsum dolor sit amet.

Lorem ipsum dolor sit amet.

Lorem ipsum dolor sit amet.

Lorem ipsum dolor sit amet.

Lorem ipsum dolor sit amet.

<style> глобальные стили

```
<style>
  p {
    color: green;
    font-size: 12px;
  }
  /* комментарий */
  h1 {
    color: red;
    font-size: 20px;
  }
</style>
```


<link> СВЯЗАННЫЕ СТИЛИ

```
<link rel="stylesheet" type="text/css" href="mysite.css"/>
```

```
<link rel="stylesheet" type="text/css"  
      href="http://mysite.ru/main.css"/>
```

Типы стилей

- Стили браузера
- Стили автора сайта
- Стили пользователя

Синтаксис свойств

```
div
{
    color: red;
    margin-left: 10px;
    margin: 5px 10px 20px 30px;

    background-color: #aad0c1;
    background-image:
        url(http://favicon.yandex.net/favicon/ru.wikipedia.org);
    background-repeat: repeat-x;
    background-position: 50%;
    /* то же самое */
    background:
        #ccc url(http://favicon.yandex.net/favicon/ru.wikipedia.org)
        50% repeat-x;

    border-radius: 3px 12px;

    width: 100px;
}
```


#id

```
<style>
  p { color: black; }
  #super { color: green; }
</style>
```

```
<p>Lorem ipsum dolor sit amet.</p>
<p>Lorem ipsum dolor sit amet.</p>
<p id="super">Lorem ipsum dolor sit amet.</p>
<p>Lorem ipsum dolor sit amet.</p>
<p>Lorem ipsum dolor sit amet.</p>
```

.class

```
<style>
  p { color: black; }
  .success { color: green; }
  .big { font-size: 12px; }
</style>
```

...

```
<p class="success">Lorem ipsum dolor amet.</p>
<p>Lorem ipsum dolor sit amet.</p>
<p class="success big">Lorem ipsum.</p>
<p>Lorem ipsum dolor sit amet.</p>
<p>Lorem ipsum dolor sit amet.</p>
```

id and class selectors

codepen.io/puzankov/pen/GgbWKy

Каскад

```
ul li { font-weight: bold; }  
.success b { font-weight: normal; color: #555; }  
p.success b { font-weight: normal; color: #555; }
```

Универсальный селектор

```
* { color: #000; }
```

Селекторы

- Селекторы атрибутов
- Селекторы потомков
- pseudo-class :nth-child()
- pseudo-class :nth-of-type()
- псевдоклассы :link :visited :active :hover :focus
- псевдоклассы :enabled :disabled :checked
- псевдоэлементы :first-line :first-letter
- псевдоэлементы :before :after

Каскад

codepen.io/puzankov/pen/VYJrEm

Специфичность

codepen.io/puzankov/pen/BygmqY

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Задание

codepen.io/puzankov/pen/xboXvB





2015