

Navigation

ART326

Browser Defaults

By default, browsers automatically insert bullets before `<ul>` elements and numbers before `<ol>` elements.

Rendering of these elements is determined by the browser.

IE6	IE7	IE8	FF3+
• List Item • List Item • List Item • List Item • List Item	• List Item • List Item • List Item • List Item • List Item	• List Item • List Item • List Item • List Item • List Item	• List Item • List Item • List Item • List Item • List Item
Opera9+	Chrome2+	Safari4 (PC)	
• List Item • List Item • List Item • List Item • List Item	• List Item • List Item • List Item • List Item • List Item	• List Item • List Item • List Item • List Item • List Item	

list-style-type

This property selects the type of marker that appears **before** each list item.

Applies to the , & element.

Most common values: none, disc (default), circle, square

Note: Bullet size changes with font size.

<i>armenian</i>	<i>circle</i>	<i>decimal</i>	<i>georgian</i>	<i>decimal-leading-zero</i>	<i>lower-alpha</i>	<i>lower-greek</i>	<i>lower-roman</i>	<i>square</i>	<i>upper-alpha</i>	<i>upper-roman</i>
Ա.	°	1.	ა.	01.	a.	α.	i.	■	A.	I.
Բ.	°	2.	ბ.	02.	b.	β.	ii.	■	B.	II.
Գ.	°	3.	გ.	03.	c.	γ.	iii.	■	C.	III.
Դ.	°	4.	დ.	04.	d.	δ.	iv.	■	D.	IV.
Ե.	°	5.	ე.	05.	e.	ε.	v.	■	E.	V.

list-style-type

```
ol {  
list-style-type: lower-roman;  
}
```

The Complete Poems

Emily Dickinson

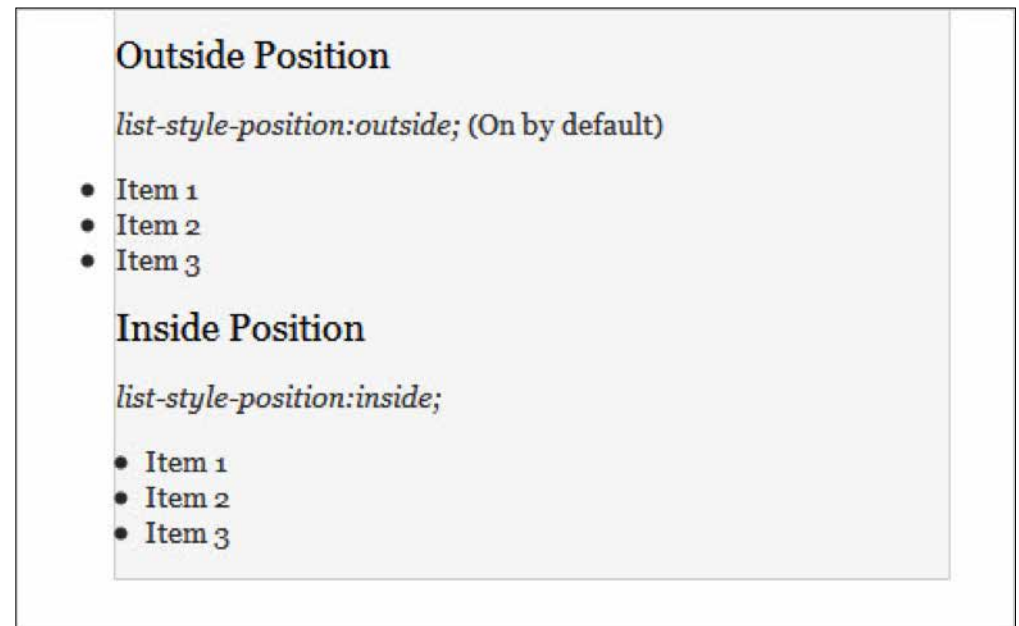
- i. Life
- ii. Nature
- iii. Love
- iv. Time and Eternity
- v. The Single Hound

list-style-position

Values: inside, outside, inherit

Allows you to pull the bullet inside the content area so it runs into the list content.

Default: outside



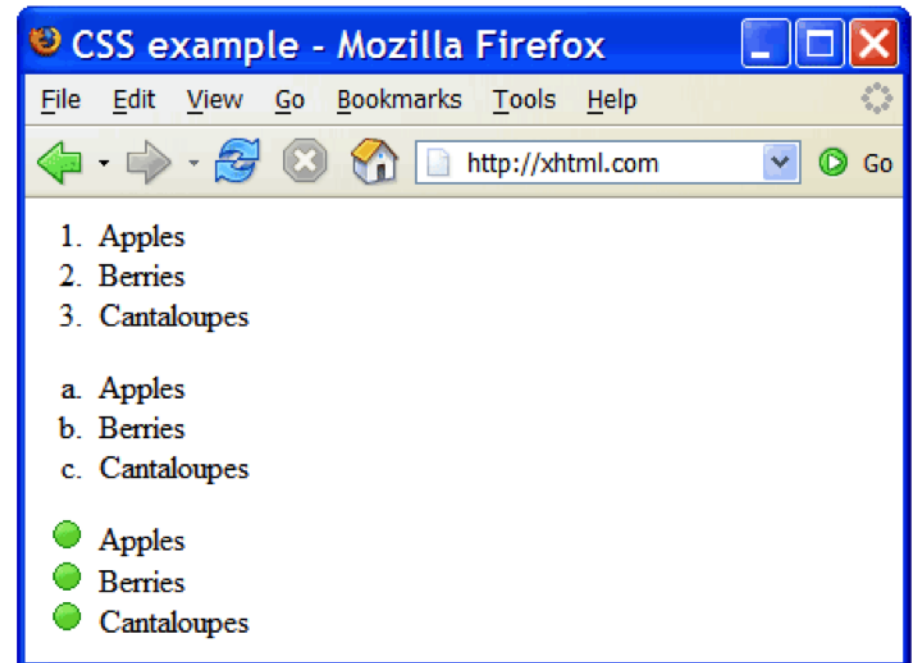
Example: <http://htmlandcssbook.com/code-samples/chapter-14/list-style-position.html>

list-style-image

Allows you to create custom bullets. Replaces the list-item marker with an image.

You can browse to attach an image to your bullets.

Better to apply background image to `<li>`.



Tutorial: <http://css.maxdesign.com.au/listutorial/introduction.htm>

list-style-image

```
ul {  
list-style-image: url("images/star.png");  
}
```

```
li {  
margin: 10px 0px 0px 0px;  
}
```

Index of Translated Poems

Arthur Rimbaud

- ★ Ophelia
- ★ To Music
- ★ A Dream for Winter
- ★ Vowels
- ★ The Drunken Boat

Navigation



What is a Navigation?

A list of links

Needs HTML for base

using `<ul>` + `<li>`

Styled using CSS

```
<ul>  
  <li><a href="default.asp">Home</a></li>  
  <li><a href="news.asp">News</a></li>  
  <li><a href="contact.asp">Contact</a></li>  
  <li><a href="about.asp">About</a></li>  
</ul>
```

Using Lists for Navigation

Two Methods:

01. Make the list items “display: inline;” into a horizontal bar
02. Use “float:left;” to line up the list items

- [Home](#)
- [Categories](#)
- [About](#)
- [Portfolio](#)
- [Contact](#)

→ *the initial menu - no CSS*

display: inline;

```
nav ul {  
    list-style-type: none;  
    margin: 0;  
    padding: 0;  
}
```

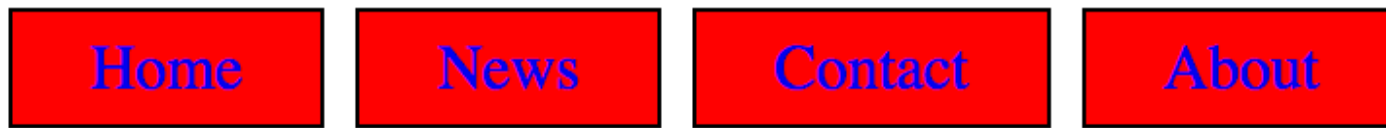
```
nav ul li {  
    display: inline;
```

[Home](#) [Categories](#) [About](#) [Portfolio](#) [Contact](#)

CSS + inline Navigations

Once the items are inline, you can now apply style to the “a” (link) elements.

```
nav a {  
  
    padding: 5px 20px;  
    margin: 0px 2px;  
    border: solid 1px black;  
    background-color: red;  
    text-decoration: none;  
  
}
```



Floated Navigations

01. Turn off the bullets on the `<ul>` (`list-style-type: none;`).
02. Float each list item `<li>`.
03. Make the anchor elements display as block-level elements so dimensions can be set, or use padding to define width/height and margin to space out elements.
04. Format the anchor elements with CSS styles.

Floated Navigation Issue

When `<li>` list items are floated, the `<ul>` container will collapse when it contains only floated elements.

To fix, add “**overflow: hidden;**” to the `<ul>` or `<ol>`.

The :hover pseudo-class

Mainly used for links.

When someone place a cursor over it, the element changes.

Written like so:

```
a:hover { }
```

Pseudo-classes

a:link {color:#FF0000;}

/ unvisited link */*

a:visited {color:#00FF00;}

/ visited link */*

a:hover {color:#FF00FF;}

/ mouse over link */*

a:active {color:#0000FF;}

/ selected link */*

CSS Image Rollovers

To place a background-image on a navigation item, **the float method** is recommended.

The background image needs to be placed on the “a” element like so:

```
#nav li { list-style-type: none; float: left;}
```

```
#nav a { width: 100px; height 20px; background: url (welcome.jpg); }
```

```
#nav a:hover { background: url (welcome_hover.jpg); }
```

CSS Sprites

One method for image rollovers, is to use one image, and then change the background-position for each link state:

```
a {background: #606 url("welcome.jpg") bottom left no-repeat; }
```

```
a:hover {background: #f0f url("welcome.jpg") bottom top no-repeat; }
```



Example: <http://htmlandcssbook.com/code-samples/chapter-16/image-rollovers-and-sprites.html>

CSS Transitions

CSS Transitions

A transitional effect.

Allow property changes in CSS values that occur over a duration.

Can be applied to a variety of CSS properties, for example:

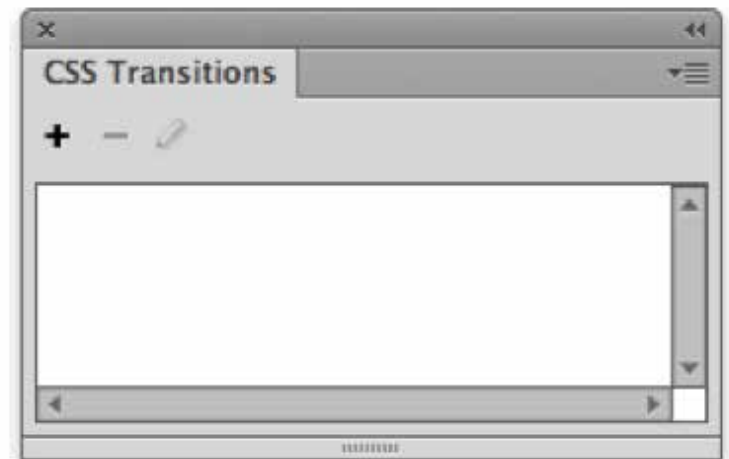
background-color

width

height

opacity

REMEMBER: Always add the transition declarations to the initial state.



CSS TRANSITIONS PANEL

Transition States

ease: starts slow, speeds up & then slows down

linear: constant, normal rate

ease-in: starts slow & speeds up

ease-out: starts quickly and speeds up

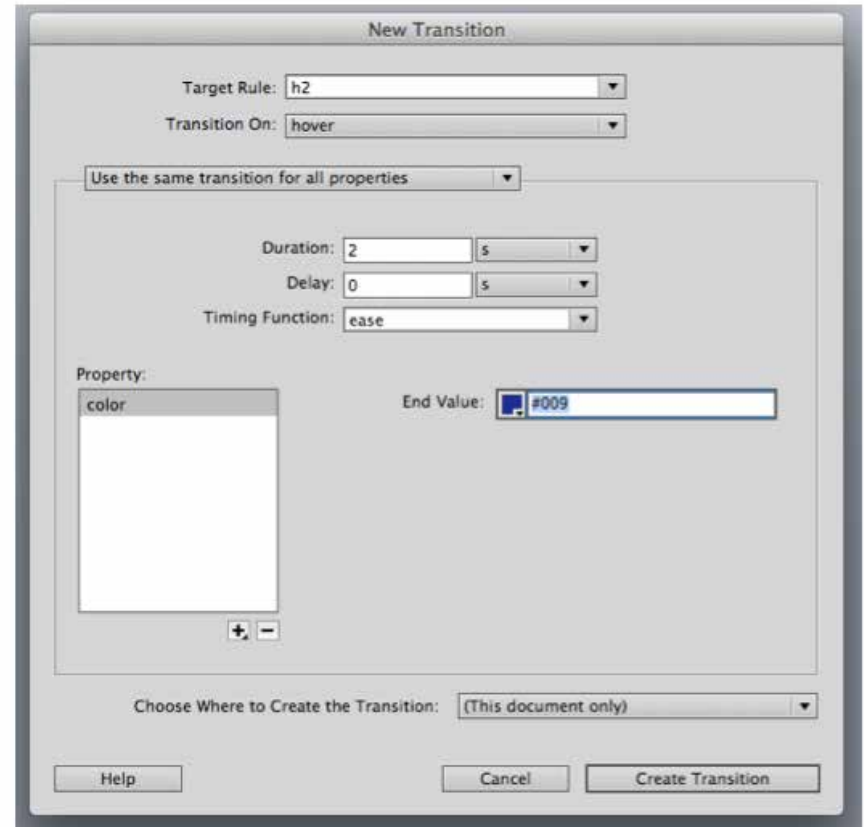
ease-in-out: starts slow, speeds up & slows down

cubic-bezier: coordinates describe position of bezier handles

More Info: http://www.the-art-of-web.com/css/timing-function/#.UV92pKXy_TQ

Transitions in Dreamweaver

01. What properties will be specified in the transitions?
02. What will be the duration of the transition?
03. Will there be a delay?
04. What timing function will you use?
05. What will be the end values?



NEW TRANSITION DIALOG BOX