CSS List Properties

In HTML, there are two main types of lists:

* unordered lists (<ul>) - the list items are marked with bullets
* ordered lists (<ol>) - the list items are marked with numbers or letters

The CSS list properties allow you to:

* Set different list item markers for ordered lists
* Set different list item markers for unordered lists
* Set an image as the list item marker
* Add background colors to lists and list items

## Different List Item Markers

The list-style-type property specifies the type of list item marker.

The following example shows some of the available list item markers:

|  |  |
| --- | --- |
| ul.a {  list-style-type: circle;  }  ul.b {  list-style-type: square;  }  ol.c {  list-style-type: upper-roman;  }  ol.d {  list-style-type: lower-alpha;  } |  |

List style: none

It will remove all the styles of list.

## An Image as The List Item Marker

The list-style-image property specifies an image as the list item marker:

ul {  
  list-style-image: url('sqpurple.gif');  
}

==========================================================================

## Position The List Item Markers

The list-style-position property specifies the position of the list-item markers (bullet points).

"list-style-position: outside;" means that the bullet points will be outside the list item. The start of each line of a list item will be aligned vertically. This is default:

|  |  |
| --- | --- |
| ul{      list-style-position: outside;    }  li{       background-color: red;       border:1px solid black;  } | Outside Inside    Inside with multiple lines |

## List - Shorthand property

The list-style property is a shorthand property. It is used to set all the list properties in one declaration:

### **Example**

ul {  
  list-style: square inside url("sqpurple.gif");  
}

When using the shorthand property, the order of the property values are:

* list-style-type (if a list-style-image is specified, the value of this property will be displayed if the image for some reason cannot be displayed)
* list-style-position (specifies whether the list-item markers should appear inside or outside the content flow)
* list-style-image (specifies an image as the list item marker)

If one of the property values above is missing, the default value for the missing property will be inserted, if any.