### HTML&CSS

design and build websites



```
img.large {
  width: 500px;
```

```
height: 500px;}
img.medium {
  width: 250px;
  height: 250px;}

img.small {
  width: 100px;
  height: 100px;
}
```

```
img.large {
width: 500px;
height: 500px;}
img.medium {
width: 250px;
height: 250px;}
img.small {
width: 100px;
height: 100px;}
```

```
img.large {
width: 500px;
 height: 500px;}
img.medium {
width: 250px;
height: 250px;}
img.small {
width: 100px;
height: 100px;}
```

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img.medium {
width: 250px;
 height: 250px;}
img.small {
width: 100px;
 height: 100px;}
```

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img.large {
width: 500px;
height: 500px;}
img.medium {
width: 250px;
height: 250px;}
img.small {
width: 100px;
height: 100px;}
```

img.small {

width: 100px;

height: 100px;}

```
img.large {
  width: 500px;
  height: 500px;}
img.medium {
  width: 250px;
  height: 250px;}
```

```
img.large {
width: 500px;
height: 500px;}
img.medium {
width: 250px;
height: 250px;}
img.small {
width: 100px;
height: 100px;}
```

### RESULT







```
img.align: left {
  float: left;
  margin-right: 10px;}
img.align-right {
  float: right;
  margin-left: 10px;}
```

```
img.align: left {
  float: left;
  margin-right: 10px;}

img.align-right {
  float: right;
  margin-left: 10px;}
```

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```

#### **RESULT**



*Magnolia* is a large genus that contains over 200 flowering plant species. It is named after French botanist Pierre Magnol, and having evolved before bees appeared the flowers were developed to encourage pollination by beetles.

Some magnolias, such as Magnolia stellata and Magnolia soulangeana, flower quite early in the spring before the leaves open. Others flower in late spring or early summer, such as Magnolia grandiflora.



### CENTERING IMAGES USING CSS

```
img.align-center {
  display: block;
  margin: 0px auto;}

img.medium {
  width: 250px;
  height: 250px;}
```

### CENTERING IMAGES USING CSS

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img.align-center {
  display: block;
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img.medium {
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img.align-center {
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img.medium {
  width: 250px;
  height: 250px;}
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#### **RESULT**



Magnolia is a large genus that contains over 200 flowering plant species. It is named after French botanist Pierre Magnol and, having evolved before bees appeared, the flowers were developed to encourage pollination by beetles.

# BACKGROUND IMAGES background-image

```
p {
  background-image: url("images/
  pattern.gif");}
```

# BACKGROUND IMAGES background-image

```
p {
  background-image: url("images/
  pattern.gif");}
```

#### **RESULT**

#### **Planting Guide**

#### Magnolia

Magnolia grandiflora, commonly known as the Southern magnolia or bull bay, is a tree of the family Magnoliaceae native to the southeastern United States, from coastal Virginia south to central Florida, and west to eastern Texas and Oklahoma. Reaching 27.5 m (90 ft) in height, it is a large striking evergreen tree with large dark green leaves and large white fragrant flowers. Widely cultivated around the world, over a hundred cultivars have been bred and marketed commercially. The timber is hard and heavy, and has been used commercially to make furniture, pallets, and veneer.

#### Ranunculus

Ranunculus asiaticus (Persian Buttercup) is a species of buttercup (Ranunculus) native to the eastern Mediterranean region in southwestern Asia, southeastern Europe (Crete, Karpathos and Rhodes), and northeastern Africa. It is a herbaceous perennial plant growing to 45 cm tall, with simple or branched stems. The basal leaves are three-lobed, with leaves higher on the stems more deeply divided; like the stems, they are downy or hairy. The flowers are 3-5 cm diameter, variably red to pink, yellow, or white, with one to several flowers on each stem.

#### **Tulip**

Tulipa gesneriana L. or "Didier's tulip" is a plant belonging to the family of Liliaceae. This species has uncertain origins, possibly from Asia, and has become naturalised in south-west Europe. Most of the cultivated species, subspecies and cultivars of tulip are derived from Tulipa gesneriana. The flower and bulb can cause dermatitis through the allergen, tuliposide A, even though the bulbs may be consumed with little ill-effect. The sweet-scented bisexual flowers appear during April and May. Bulbs are extremely resistant to frost, and can tolerate temperatures well below freezing - a period of low temperature is necessary to induce proper growth and flowering, triggered by an increase in sensitivity to the phytohormone auxin. The bulbs may be dried and pulverised and added to cereals or flour.

# REPEATING IMAGES background-repeat

```
body {
  background-image: url("images/
  header.gif");
  background-repeat: repeat-x;}
```

# REPEATING IMAGES background-repeat

```
body {
  background-image: url("images/
  header.gif");
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```

# Planting Guide

#### Magnolia

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# FIXED BACKGROUND IMAGES background-attachment

```
body {
  background-image: url("images/
    tulip.gif");
  background-repeat: no-repeat;
  background-attachment: fixed;}
```

# FIXED BACKGROUND IMAGES background-attachment

```
body {
  background-image: url("images/
    tulip.gif");
  background-repeat: no-repeat;
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### **Planting Guide**

#### Magnolia

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### CSS

```
body {
  background-image: url("images/
   tulip.gif");
  background-repeat: no-repeat;
  background-position: center top; }
body {
  background-image: url("images/
   tulip.gif");
  background-repeat: no-repeat;
  background-position: 50% 50%;}
```

BACKGROUND POSITION

background-position

#### **CSS**

```
body {
  background-image: url("images/
   tulip.gif");
  background-repeat: no-repeat;
  background-position: center top; }
body {
  background-image: url("images/
   tulip.gif");
  background-repeat: no-repeat;
  background-position: 50% 50%;}
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BACKGROUND POSITION

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# SHORTHAND background

```
body {
  background: #ffffff url("images/
  tulip.gif") no-repeat top right;}
```

```
body {
  background: #fffff url("images/
  tulip.gif") no-repeat top right;}
```

```
body {
  background: #ffffff url("images/
  tulip.gif") no-repeat top right;}
```

```
body {
  background: #ffffff url("images/
  tulip.gif") no-repeat top right;}
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```
a.button {
height: 36px;
background-image: url("images/button-
  sprite.jpg");
text-indent: -9999px;
display: inline-block; }
a#add-to-basket {
width: 174px;
background-position: 0px 0px; }
a#framing-options {
width: 210px;
background-position: -175px 0px;}
```

```
a.button {
height: 36px;
background-image: url("images/button-
  sprite.jpg");
text-indent: -9999px;
 display: inline-block; }
a#add-to-basket {
width: 174px;
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a#add-to-basket {
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a#framing-options {
width: 210px;
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```

```
a#add-to-basket:hover {
 background-position: 0px -40px;}
a#framing-options:hover {
 background-position: -175px -40px;}
a#add-to-basket:active {
 background-position: 0px -80px;}
a#framing-options:active {
 background-position: -175px -80px;}
```

```
a#add-to-basket:hover {
 background-position: 0px -40px;}
a#framing-options:hover {
 background-position: -175px -40px;}
a#add-to-basket:active {
 background-position: 0px -80px;}
a#framing-options:active {
 background-position: -175px -80px;}
```

```
a#add-to-basket:hover {
 background-position: 0px -40px;}
a#framing-options:hover {
 background-position: -175px -40px;}
a#add-to-basket:active {
 background-position: 0px -80px;}
a#framing-options:active {
 background-position: -175px -80px;}
```

ADD TO BASKET (+)



FRAMING OPTIONS

```
#gradient {
                                           CSS
 /* fallback color */
 background-color: #66cccc;
 /* fallback image */
 background-image:url("images/fallback
  -image.png");
 /* Firefox 3.6+ */
 background-image:
  -moz-linear-gradient(#336666, #66cccc);
```

```
#gradient {
 /* fallback color */
 background-color: #66cccc;
 /* fallback image */
 background-image:url("images/fallback
  -image.png");
 /* Firefox 3.6+ */
 background-image:
  -moz-linear-gradient(#336666, #66cccc);
```

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#gradient {
                                           CSS
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 background-image:url("images/fallback
  -image.png");
 /* Firefox 3.6+ */
 background-image:
  -moz-linear-gradient(#336666, #66cccc);
```

```
/* Safari 4+, Chrome 1+ */
                                         CSS
background-image:
 -webkit-gradient(linear, 0% 0%,
  0% 100%, from(#66cccc), to(#336666));
/* Safari 5.1+, Chrome 10+ */
background-image:
-webkit-linear-gradient(#336666,#66cccc);
/* Opera 11.10+ */
background-image:
-o-linear-gradient(#336666, #66cccc); }
```

```
/* Safari 4+, Chrome 1+ */
                                         CSS
background-image:
 -webkit-gradient(linear, 0% 0%,
  0% 100%, from(#66cccc), to(#336666));
/* Safari 5.1+, Chrome 10+ */
background-image:
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background-image:
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background-image:
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/* Opera 11.10+ */
background-image:
-o-linear-gradient(#336666, #66cccc); }
```

```
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/* Safari 5.1+, Chrome 10+ */
background-image:
-webkit-linear-gradient(#336666,#66cccc);
/* Opera 11.10+ */
background-image:
-o-linear-gradient(#336666, #66cccc); }
```



#### CONTRAST OF BACKGROUND IMAGES

HIGH CONTRAST

LOW CONTRAST

**SCREEN** 







You can specify the dimensions of images using CSS. This is very helpful when you use the same sized images on several pages of your site.

Images can be aligned both horizontally and vertically using CSS.

You can use a background image behind the box created by any element on a page.

Background images can appear just once or be repeated across the background of the box.

You can create image rollover effects by moving the background position of an image.

To reduce the number of images your browser has to load, you can create image sprites.



