BACKGROUND POSITION

background-position

When an image is not being repeated, you can use the background-position property to specify where in the browser window the background image should be placed.

This property usually has a pair of values. The first represents the horizontal position and the second represents the vertical.

```
left top
left center
left bottom
center top
center center
center bottom
right top
right center
right bottom
```

If you only specify one value, the second value will default to center.

You can also use a pair of pixels or percentages. These represent the distance from the top left corner of the browser window (or containing box). The top left corner is equal to 0% 0%. The example shown, with values of 50% 50%, centers the image horizontally and vertically.

chapter-16/background-position.html

CSS

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

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

chapter-16/background-position-percentage.html

CSS

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

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.

CSS

chapter-16/background-shorthand.html

body {

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

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 Viginia 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.

The background property acts like a shorthand for all of the other background properties you have just seen, and also the background-color property.

background

SHORTHAND

The properties must be specified in the following order, but you can miss any value if you do not want to specify it.

```
1: background-color
```

2: background-image

3: background-repeat

4: background-attachment

5: background-position

CSS3 will also support the use of multiple background images by repeating the background shorthand. Because few browsers supported this property at the time of writing, it was not commonly used.

```
div {
  background:
    url(example-1.jpg)
    no-repeat top left,
    url(example-2.jpg)
    no-repeat bottom left,
    url(example-3.jpg)
    repeat-x center top;}
```

The first image is shown on top, with the last one on the bottom.

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