

Positioning Background Image

'background-position' specifies the initial position of the background image, if one has been specified. Possible values are keywords (horizontal position: 'left', 'center' or 'right' and vertical position: 'top', 'center' or 'bottom') or numbers (<percentage> or <length>). One or both of a horizontal and vertical position may be specified. If one value is specified, then the second value is assumed to be 'center'. If at least one value is not a keyword, then the first value represents the horizontal position and the second, if present, represents the vertical position. 'background-position' is a shorthand for 'background-position-horizontal' and 'background-position-vertical'.

A keyword for horizontal position plus a keyword for vertical position may be specified in either order, but not a keyword plus a length or percentage. For example, top left and left top are both valid, and left 0 is also valid, but 0 left is not valid.

Horizontal position may be specified as:

- <percentage> : A percentage X aligns the point X% across the image with the point X% across the element's padding rectangle.
- <length> : horizontal offset of the top left corner of the image from the top left corner of the element's padding rectangle.
- 'left' : Equivalent to 0%.
- 'center' : Equivalent to 50%.
- 'right' : Equivalent to 100%.

Vertical position may be specified as:

- <percentage> : A percentage X aligns the point X% down the image with the point X% down the element's padding rectangle.
- <length> : vertical offset of the top left corner of the image from the top left corner of the element's padding rectangle.
- 'top' : Equivalent to 0%.
- 'center' : Equivalent to 50%.
- 'bottom' : Equivalent to 100%.

Negative percentage and length values are allowed.

The following figure illustrates the effect of position keywords and percentage values. The alignment point for each square image is at the intersection of the thick lines in the square.

