

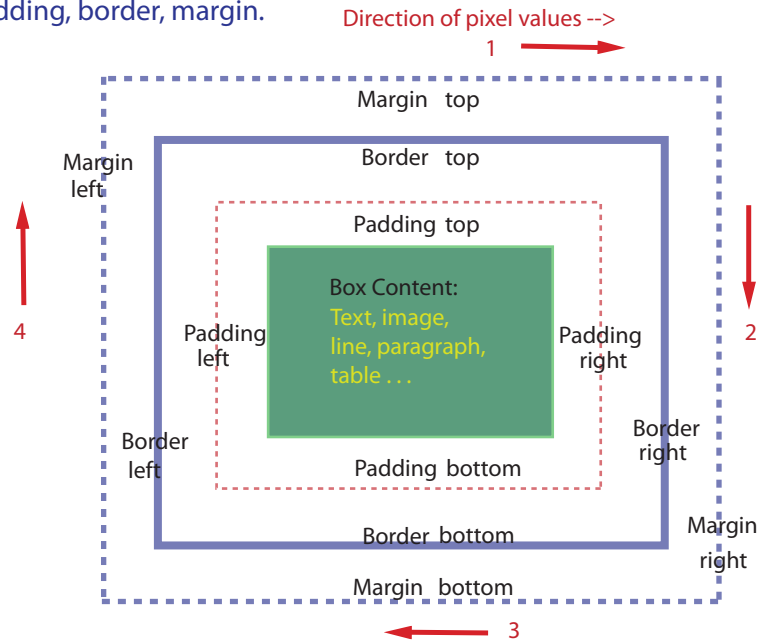
Para 5 CSS Box Model

What is the CSS Box Model ?

- CSS designs the web document as a series of boxes containing words, lines, paragraphs, tables, etc. each with properties such as size, color and font.
- This page describes the CSS box in order to understand the assignments in this manual. If you want to know more please refer to <http://www.w3.org/TR/CSS2/box.html>

The CSS Box Model

- The CSS box model has a content which can be surrounded respectively by padding, border, margin.



CSS Box Model Coding

- To code a box with padding, border & margin distances is done as follows (the words top, right etc are replaced by values)

```

tag selector { padding: top px right px bottom px left px;
                border: top px right px bottom px left px;
                margin: top px right px bottom px left px;
            }
    
```

- An example: a paragraph with a heading & an image can be placed within CSS boxes. To see the whole effect of the page refer to <http://www.martinemoeykens.com/journal.htm>

The screenshot shows a web page with a heading and an image. Annotations explain the CSS box model properties:

- heading border top:** Points to the top border of the heading box.
- heading padding to give space around the text:** Points to the space between the heading text and its border.
- sum of paragraph padding + image margin:** Points to the space between the paragraph and the image.
- image border:** Points to the border around the image.
- paragraph padding:** Points to the space between the paragraph text and its border.
- paragraph border:** Points to the border around the paragraph.
- image padding: notice that it is lower at bottom then the top, left & right:** Points to the space between the image and the bottom of the image container.