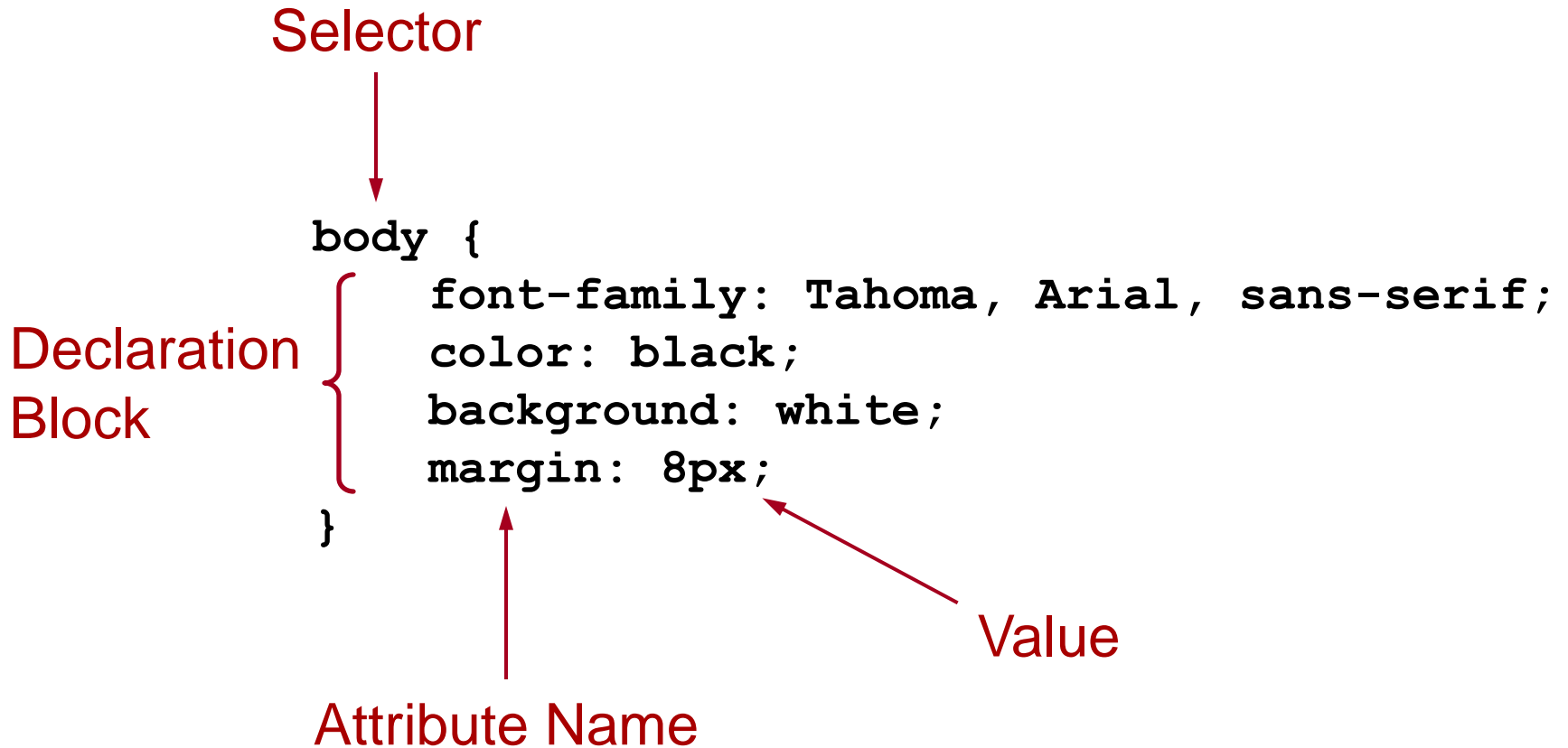


CSS Rule



CSS Selectors

CSS

HTML

Tag
name → `h1 {`
`color: red;`
`}`

`<h1>Today's Specials</h1>`

Class
attribute → `.large {`
`font-size: 16pt;`
`}`

`<p class="large">...`

Tag and
class → `p.large {...}`

Id
attribute → `#p20 {`
`font-weight: bold;`
`}`

`<p id="p20">...`

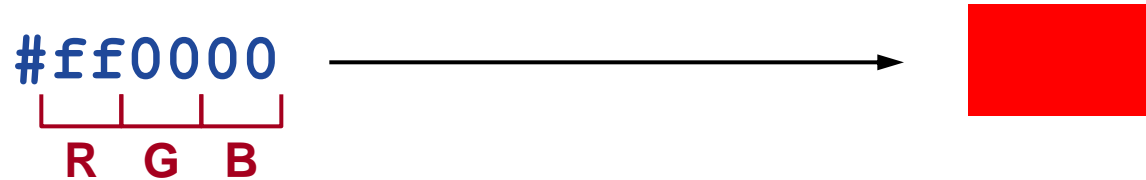
`table.items tr.header`

CSS Color Specifiers

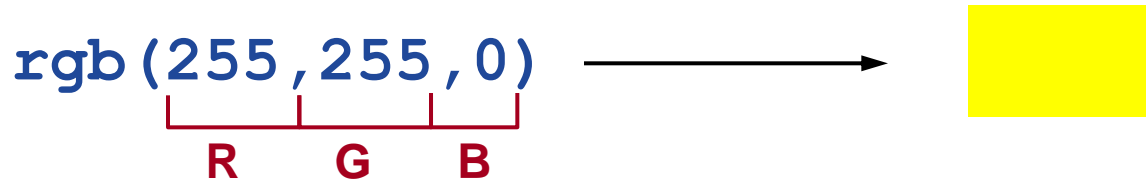
- **Predefined names:**

white black red ...

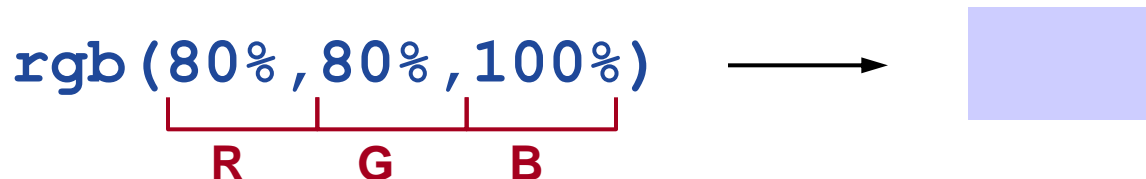
- **8-bit hexadecimal intensities for red, green, blue:**



- **0-255 decimal intensities:**



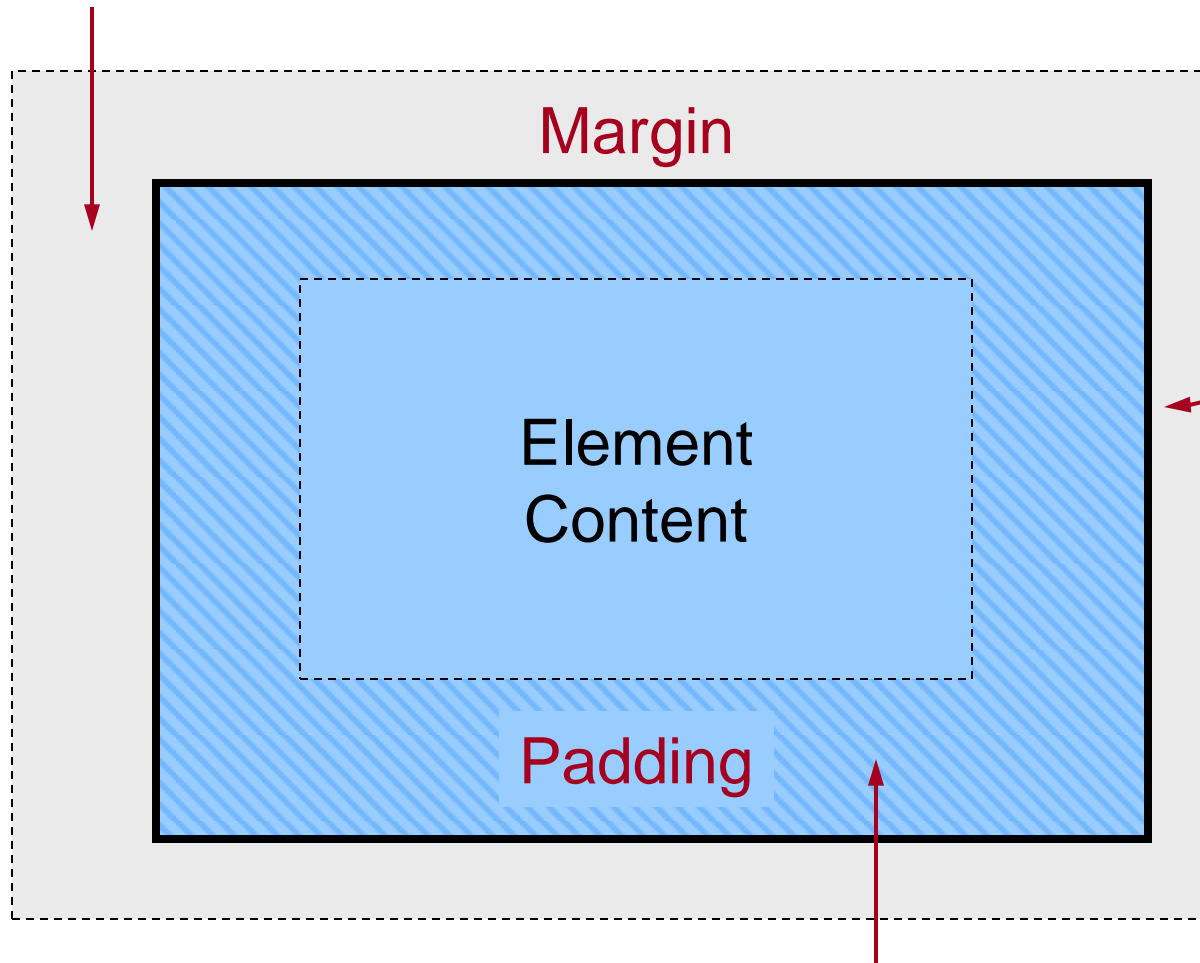
- **Percentage intensities:**



CSS Box Layers

Parent's background used in margin area

Border



Element's background used in padding area

CSS Distances

2px	pixels
1mm	millimeters
2cm	centimeters
0.2in	inches
3pt	printer's points
2em, 4ex	other printer's units

Adding Styles to HTML

Separate Stylesheet

```
<head>
...
<link rel="stylesheet" type="text/css" href="myStyles.css" />
<style type="text/css">
  body {
    font-family: Tahoma, Arial, sans-serif;
    ...
  }
</style>
</head>
<body>
...
<div style="padding:2px; ... ">
...
</body>
```

Page-Specific Styles

Element-Specific Styles

CSS:

```
body {
  font-family: Tahoma, Arial, sans-serif;
  font-size: 13px;
  color: black;
  background: white;
  margin: 8px;
}
h1 {
  font-size: 19px;
  margin-top: 0px;
  margin-bottom: 5px;
  border-bottom: 1px solid black
}
.shaded {
  background: #d0d0ff;
}
```

HTML:

```
<body>
  <h1>First Section Heading</h1>
  <p>
    Here is the first paragraph, containing
    text that really doesn't have any use
    or meaning; it just prattles on and on,
    with no end whatsoever, no point to
    make, really no purpose for existence
    at all.
  </p>
  <div class="shaded">
    <h1>Another Section Heading</h1>
    <p>
      Another paragraph.
    </p>
  </div>
</body>
```