

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<style>
  #foo {
    color: blue;
  }
  .bar {
    color: red;
    background: black;
  }
</style>
</head>
<body>
  <p id="foo">This text is blue.</p>
  <p class="bar">This text is red with a black background.</p>
</body>
</html>
```

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<style>
  .bar {
    color: red;
    background: black;
  }
  .baz {
    background: white;
  }
</style>
</head>
<body>
  <p class="bar">This text is red with a black background.</p>
  <p class="baz">This text has a white background.</p>
</body>
</html>
```

```
<!DOCTYPE html>
<html>
```

```

<head>
  <style>
    #mydiv {
      font-weight: bold !important; /* This property won't be overridden
      by the rule below */
    }
    #outerdiv #mydiv {
      font-weight: normal; /* #mydiv font-weight won't be set to normal
      even if it has a higher specificity because
      of the !important declaration above */
    }
  </style>
</head>
<body>
  <div id="outerdiv">
    <div id="mydiv">
      This is some text in mydiv.
    </div>
  </div>
</body>
</html>

```

```

<!DOCTYPE html>
<html>
<head>
  <style>
    .mystyle { color: blue; } /* specificity: 0, 0, 1, 0 */
    div { color: red; } /* specificity: 0, 0, 0, 1 */
  </style>
</head>
<body>
  <div class="mystyle">Hello World</div>
</body>
</html>

```

```

<!DOCTYPE html>
<html>
<head>
  <style>
    body > .mystyle { background-color: blue; } /* specificity: 0, 0, 1, 1 */
    .otherstyle > div { background-color: red; } /* specificity: 0, 0, 1, 1 */
  </style>
</head>

```

```

<body class="otherstyle">
  <div class="mystyle">Hello World</div>
</body>
</html>

```

```

<!DOCTYPE html>
<html>
<head>

```

```

  <style>
    /* CSS for all div elements */
    div {
      font-size: 7px;
      border: 3px dotted pink;
      background-color: yellow;
      color: purple;
    }

```

```

    /* CSS for div elements with class myotherstyle inside body with class
mystyle */
    body.mystyle > div.myotherstyle {
      font-size: 11px;
      background-color: green;
    }

```

```

    /* CSS for element with id elmnt1 */
    #elmnt1 {
      font-size: 24px;
      border-color: red;
    }

```

```

    /* Additional CSS for body elements (adjust the selector as needed) */
    body {
      font-size: 16px;
      background-color: black;
      color: red;
    }

```

```

  </style>

```

```

</head>
<body class="mystyle">
  <div id="elmnt1" class="myotherstyle">
    Hello, world!
  </div>
</body>
</html>

```

```
<!DOCTYPE html>
<html>
<head>
  <style>
    /* CSS for all div elements */
    div {
      color: red;
      border: 5px solid currentColor;
      box-shadow: 0 0 5px currentColor;
    }
  </style>
</head>
<body>
  <div>
    This is a red div with a border and box shadow.
  </div>
</body>
</html>
```

```
<!DOCTYPE html>
<html>
<head>
  <style>
    /* CSS for all div elements */
    div {
      color: blue; /* This rule is overridden by the next one */
      border: 3px solid currentColor; /* Border color will be green due to
the next rule */
      color: green; /* This rule sets the text color to green */
    }
  </style>
</head>
<body>
  <div>
    This is a div with green text and a green border.
  </div>
</body>
</html>
```

```
<!DOCTYPE html>
<html>
<head>
  <style>
```

```

/* CSS for elements with class .some-class */
.some-class {
    /* This is equivalent to using the color keyword 'blue' */
    color: #0000FF; /* Hexadecimal color code for blue */
}

/* CSS for elements with class .also-blue */
.also-blue {
    /* If you want to specify each range value with a single number, you
can!
    This is equivalent to '#0000FF' (and 'blue') */
    color: #00F; /* Shortened hexadecimal color code for blue */
}
</style>
</head>
<body>
    <p class="some-class">This text is styled with class .some-class and is
blue.</p>
    <p class="also-blue">This text is styled with class .also-blue and is also
blue.</p>
</body>
</html>

```

```

<!DOCTYPE html>
<html>
<head>
    <style>
        /* CSS for elements with class .some-class */
        .some-class {
            /* Scalar RGB, equivalent to 'blue' */
            color: rgb(0, 0, 255); /* RGB color with red=0, green=0, and blue=255
*/
        }

        /* CSS for elements with class .also-blue */
        .also-blue {
            /* Percentile RGB values */
            color: rgb(0%, 0%, 100%); /* RGB color with red=0%, green=0%, and
blue=100% */
        }
    </style>
</head>
<body>
    <p class="some-class">This text is styled with class .some-class and is
blue.</p>
    <p class="also-blue">This text is styled with class .also-blue and is also
blue.</p>

```

```
</body>
</html>
```

```
<!DOCTYPE html>
<html>
<head>
  <style>
    /* CSS for elements with class .red */
    .red {
      /* Opaque red */
      color: rgba(255, 0, 0, 1); /* RGBA color with red=255, green=0, blue=0,
and alpha=1 (fully opaque) */
    }

    /* CSS for elements with class .red-50p */
    .red-50p {
      /* Half-translucent red */
      color: rgba(255, 0, 0, 0.5); /* RGBA color with red=255, green=0,
blue=0, and alpha=0.5 (50% transparent) */
    }
  </style>
</head>
<body>
  <p class="red">This text is styled with class .red and is opaque red.</p>
  <p class="red-50p">This text is styled with class .red-50p and is
half-translucent red.</p>
</body>
</html>
```

```
<!DOCTYPE html>
<html>
<head>
  <style>
    /* CSS for all <p> elements */
    p {
      /* Blue color using HSL (Hue, Saturation, Lightness) values */
      color: hsl(240, 100%, 50%); /* HSL color with hue=240 (blue),
saturation=100%, and lightness=50% */
    }
  </style>
</head>
<body>
  <p>This text is styled with an HSL color value and is blue.</p>
</body>
</html>
```

```

<!DOCTYPE html>
<html>
<head>
  <style>
    /* CSS for elements with class .transparent-element */
    .transparent-element {
      /* Modern Browsers - Set opacity to 0.6 (60%) */
      opacity: 0.6;
    }

    /* For Internet Explorer 8 & 9 */
    .transparent-element {
      /* IE 8 & 9 - Using -ms-filter */
      -ms-filter:"progid:DXImageTransform.Microsoft.Alpha(Opacity=60)"; /*
IE8 */
      /* IE 5-7 - Using filter */
      filter: alpha(opacity=60);
    }
  </style>
</head>
<body>
  <div class="transparent-element">
    This element has reduced opacity.
  </div>
</body>
</html>

```

```

<!DOCTYPE html>
<html>
<head>
  <style>
    /* CSS for the root HTML element */
    html {
      font-size: 16px;
    }

    /* CSS for input elements of type "button" */
    input[type="button"] {
      font-size: 1rem;
      padding: 0.5em 2em;
    }

    /* CSS for input elements of type "range" */

```

```

        input[type="range"] {
            font-size: 1rem;
            width: 10em;
        }

        /* CSS for input elements of type "text" */
        input[type="text"] {
            font-size: 1rem;
            padding: 0.5em;
        }
    </style>
</head>
<body>
    <input type="button" value="Button">
    <input type="range">
    <input type="text" value="Text">
</body>
</html>

```

```

<!DOCTYPE html>
<html>
<head>
    <style>
        /* CSS for the root HTML element */
        html {
            font-size: 16px;
        }

        /* CSS for h1 elements */
        h1 {
            font-size: 2rem; /* 32px */
        }

        /* CSS for p elements */
        p {
            font-size: 1rem; /* 16px */
        }

        /* CSS for li elements */
        li {
            font-size: 1.5em; /* 24px */
        }
    </style>
</head>
<body>
    <h1>This is an h1 heading</h1>
    <p>This is a paragraph of text.</p>

```



```
<ul>
  <li>Item 1</li>
  <li>Item 2</li>
  <li>Item 3</li>
</ul>
</body>
</html>
```

```
<!DOCTYPE html>
<html>
<head>
  <style>
    /* CSS for all div elements */
    div {
      width: 20vw; /* 20% of the viewport width */
      height: 20vh; /* 20% of the viewport height */
      background-color: lightblue; /* Background color for the div */
    }
  </style>
</head>
<body>
  <div>
    This is a div element styled with 20vw width and 20vh height.
  </div>
</body>
</html>
```

```
<!DOCTYPE html>
<html>
<head>
  <style>
    /* Global CSS styles for all elements */
    * {
      color: #CCC; /* Text color for all elements */
    }

    /* CSS for the parent element with class .parent */
    .parent {
      background-color: blue; /* Background color for the parent */
      width: 100px; /* Width of the parent */
    }
  </style>
</head>
<body>
  <div class="parent">
    <div>
      This is a div element styled with 20vw width and 20vh height.
    </div>
  </div>
</body>
</html>
```

```
    /* CSS for the child element with class .child */
    .child {
        background-color: green; /* Background color for the child */
        width: 50%; /* Width of the child relative to the parent */
    }
</style>
</head>
<body>
    <div class="parent">
        PARENT
        <div class="child">
            CHILD
        </div>
    </div>
</body>
</html>
```