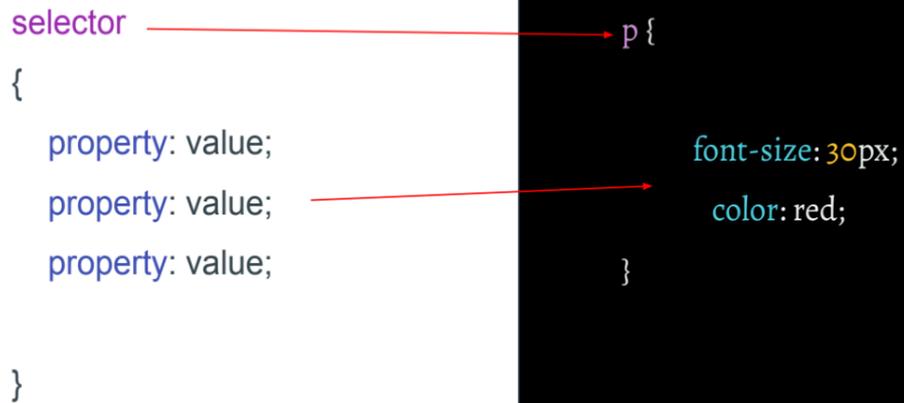


CSS 3 syntax

```
selector  
{  
  property: value;  
  property: value;  
  property: value;  
}
```



The diagram illustrates the CSS 3 syntax. On the left, the word "selector" is written in purple. A red arrow points from "selector" to the "p {" part of the code block. Below it, the word "property" is written in blue. A red arrow points from "property" to the "font-size: 30px;" line in the code block. The code block itself is on a black background and contains the following text: "p {", "font-size: 30px;", "color: red;", and "}".

Select all elements:

```
*{  
  font-size: 30px;  
  color: rgba(0,0,255,0.5);  
  font-family: cursive;  
}
```

Select all p under two divs

```
<!DOCTYPE html>
<html>
<head>
  <title>my web page</title>
  <link rel="stylesheet" type="text/css"
href="style.css">
</head>
<body>
  <h1>Title 1</h1>
  <p>that's my first paragraph</p>
  <div>
    <div>
      <p>that's my second paragraph</p>
    </div>
  </div>
</body>
</html>
```

```
div div p{
    font-size: 30px;
    color:rgb(0,255,255);
}
```

Select all elements with class name "newStyle"

index.HTML

style.css

```
<!DOCTYPE html>
<html>
<head>
  <title>my web page</title>
  <link rel="stylesheet" type="text/css"
href="selector.css">
</head>
<body>
  <h1 class="newStyle">Title 1</h1>
  <p>that's my first paragraph</p>
  <div>
    <div>
      <p class="newStyle">that's my second
paragraph</p>
    </div>
  </div>
</body>
</html>
```

```
.newStyle{
    color:brown;
}
```

Select one element with ID: Apply a CSS style when a condition is met:

index.HTML

```
<!DOCTYPE html>
<html>
<head>
  <title>my web page</title>
  <link rel="stylesheet" type="text/css" href="style.css">
</head>
<body>
  <h1 >Title 1</h1>
  <p >that's my first paragraph</p>
  <div>
    <div>
      <p id="onlyMe" >that's my second paragraph</p>
    </div>
  </div>
</body>
</html>
```

style.css

```
#onlyMe{
  color:yellow;
}
```

CSS selector pseudo-classes: Actions

Apply a css style when an action is done:

index.HTML

```
<!DOCTYPE html>
<html>
<head>
  <title>my web site</title>
  <link rel="stylesheet" type="text/css" href="style.css">
</head>
<body>
  <div>
    <div>
      <a href="https://www.google.com">Link to google</a>
    </div>
  </div>
</body>
</html>
```

style.css

```
a:link{
  color:red;
}

a:visited{
  color:green;
}

a:hover{
  color:yellow;
}
```