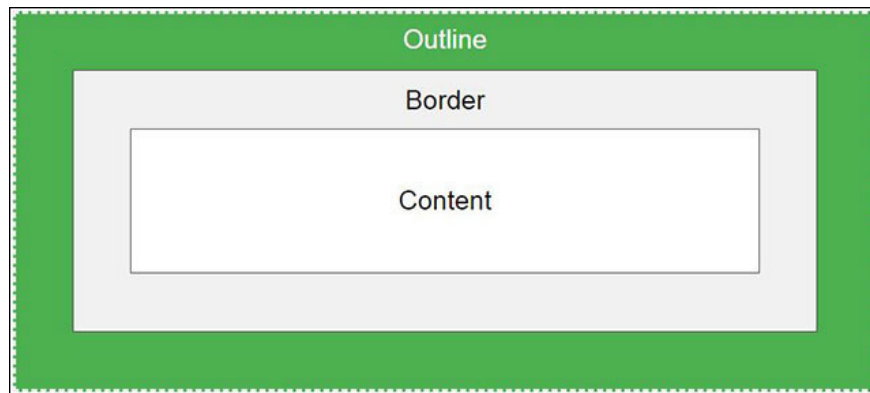


Outline in CSS

Outline is a line around the element, located outside the border to highlight the element.

Outline is a line around the element, located outside the border to highlight the element.



Illustrate the outline in the element

CSS has the following characteristics:

1. `outline-style`
2. `outline-color`
3. `outline-width`
4. `outline-offset`
5. `outline`

Note : Outline is different from Border in CSS. The outline is drawn to the right of the element border and can overlap other content. In addition, the outline is not part of the element size. Element width and height are not affected by outline width.

Style of outline

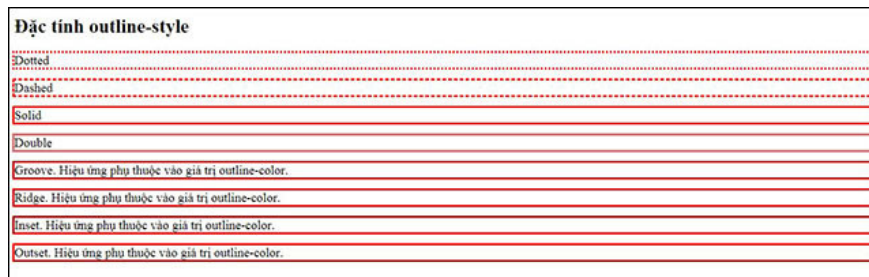
The `outline-style` determines the style of the outline, having one of the following values:

1. `dotter` - dotted line
2. `dashed` - dashed line
3. `solid` - straight lines
4. `double` - double line
5. `groove`

6. ridge
7. inset
8. outset
9. none - no borders
10. hidden - hidden border

```
p.dotted {outline-style: dotted;}
p.dashed {outline-style: dashed;}
p.solid {outline-style: solid;}
p.double {outline-style: double;}
p.groove {outline-style: groove;}
p.ridge {outline-style: ridge;}
p.inset {outline-style: inset;}
p.outset {outline-style: outset;}
```

Below is a picture of how these values are displayed in the browser.



Some properties depend on values that have different levels

Note: The outline properties are only effective when using the `outline-style`.

The color of the outline

The `outline-color` is used to select outline colors. Colors can be chosen according to:

1. name: Specific name like 'red'.
2. RGB: RGB value like 'rgb (255, 0, 0)'
3. HEX: HEX value like '# ff0000'.
4. invert: Reverse the color (invert) to make sure the outline is visible no matter what the background color is

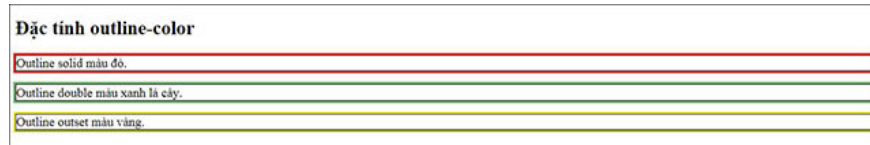
Below are examples of different outline colors, noting that the elements also have a thin black border on the outline.

```
p.ex1 {
border: 1px solid black;
outline-style: solid;
outline-color: red;
}
```

```
p.ex2 {
border: 1px solid black;
```

```
outline-style: double;
outline-color: green;
}
```

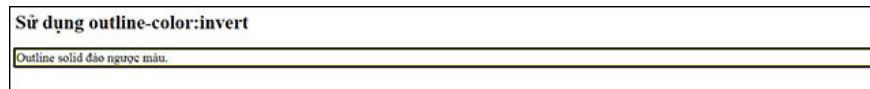
```
p.ex3 {
border: 1px solid black;
outline-style: outset;
outline-color: yellow;
}
```



Color example of outline in CSS

Here is an `outline-color: invert`, creates a reverse color so that outline can be seen no matter what color the background is.

```
p.ex1 {
border: 1px solid yellow;
outline-style: solid;
outline-color: invert;
}
```



Reverse color with outline-color: invert feature

Outline of outline

The `outline-width` defines the width of the outline, there may be one of the following values:

1. thin (usually 1 px)
2. average (usually 3px)
3. thick (usually 5px)
4. specific sizes (in, px, pt, cm, em .)

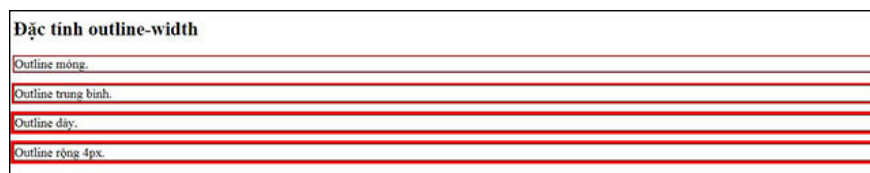
The example below shows some outline lines with different widths.

```
p.ex1 {
border: 1px solid black;
outline-style: solid;
outline-color: red;
outline-width: thin;
}
```

```
p.ex2 {
border: 1px solid black;
outline-style: solid;
outline-color: red;
outline-width: medium;
}
```

```
p.ex3 {
border: 1px solid black;
outline-style: solid;
outline-color: red;
outline-width: thick;
}
```

```
p.ex4 {
border: 1px solid black;
outline-style: solid;
outline-color: red;
outline-width: 4px;
}
```



The outline-width feature defines the width of the outline

Shortened feature of outline

The feature shortens the outline of bringing all other features into one feature, including:

1. outline-width
2. outline-style (required)
3. outline-color

The outline feature is defined by 1, 2 or 3 values ??above, the order is not important. Here are some examples of outline outline properties.

```
p.ex1 {outline: dashed;}
p.ex2 {outline: dotted red;}
p.ex3 {outline: 5px solid yellow;}
p.ex4 {outline: thick ridge pink;}
```

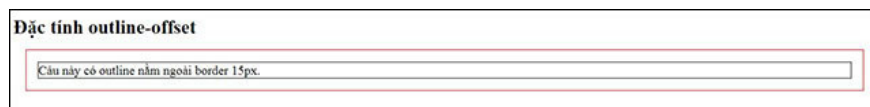


Outline image display on the browser

Outline-offset feature

The `outline-offset` adds a space to the middle of the outline and the border / border of an element. The space between the element and its outline is transparent. Below is an example with an outline located outside border 15px.

```
p {  
  margin: 30px;  
  border: 1px solid black;  
  outline: 1px solid red;  
  outline-offset: 15px;  
}
```



Create the gap between the outline and the border of the element

The example below shows the space between an element and its outline is transparent.

```
p {  
  margin: 30px;  
  background: yellow;  
  border: 1px solid black;  
  outline: 1px solid red;  
  outline-offset: 15px;  
}
```

Picture 8 of Outline in CSS

The white space is between the outline and the element

Previous article: [Box Model in CSS](#)

The following article: [Text in CSS](#)

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