

Converting Colors

RGB(180, 15, 240)

Have a look what the booklet for
RGB(180, 15, 240) contains.

RGB(180, 15, 240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(180, 15, 240)

Conversions

Conversions Part 1

Format	Color
Hex	B40FF0
RGB	180, 15, 240
RGB Percent	71%, 6%, 94%
CMY	0.2941, 0.9412, 0.0588
CMYK	0.25, 0.94, 0.00, 0.06
HSL	284°, 88%, 50%
HSV	284°, 94%, 94%
XYZ	34.7214, 16.3362, 83.7613
YIQ	89.9850, 26.1150, 104.9550

Conversions

Conversions Part 2

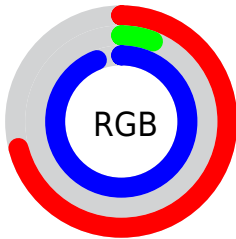
Format	Color
R _Y B	180, 15, 240
Decimal	11800560
CIE Lab	47.41, 84.10, -73.92
CIE LCh	47, 111.970, 318.684
Yxy	16.3362, 0.2575, 0.1212
Android (android.graphics.Color)	4289990640 (0xFFB40FF0)
YUV	89.9850, 73.9574, 78.9432
Hunter-Lab	40.4181, 82.6098, -94.5782

Details

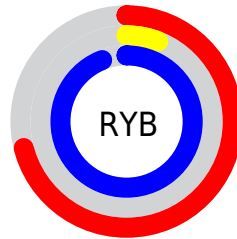
The RGB color **180, 15, 240** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle saturated purple. A complement of this color would be **75, 240, 15**, and the grayscale version is **89, 89, 89**.

A 20% lighter version of the original color is **241, 94, 255**, and **120, 0, 183** is the 20% darker color. If you saturate the color by 10%, you get **176, 0, 240**, and if you desaturate by 10%, it is **186, 39, 240**.

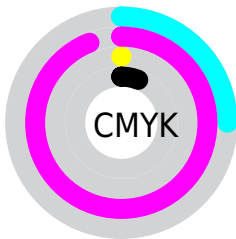
Distribution



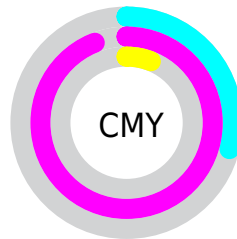
- Red (71%)
- Green (6%)
- Blue (94%)



- Red (71%)
- Yellow (6%)
- Blue (94%)



- Cyan (25%)
- Magenta (94%)
- Yellow (0%)
- Black (6%)



- Cyan (29%)
- Magenta (94%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 15, 240 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 180, 15, 240 by changing the saturation by 10% instead.

 180, 15, 240

 180, 15, 240


255, 255, 255

 150, 0, 211

 241, 94, 255

 120, 0, 183

 255, 124, 255

 90, 0, 155

 255, 154, 255

 58, 0, 128

 255, 184, 255

 23, 0, 102

 255, 214, 255

 0, 0, 77

 255, 244, 255

 0, 5, 53

 0, 2, 31

 0, 0, 1

■ 180, 15, 240

■ 180, 15, 240

■ 176, 0, 240

■ 186, 39, 240

■ 193, 63, 240

■ 199, 87, 240

■ 206, 111, 240

■ 212, 135, 240

■ 218, 159, 240

■ 225, 183, 240

■ 231, 207, 240

■ 238, 231, 240

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0, 106, 255



180, 15, 240



253, 0, 152

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



180, 15, 240



166, 96, 0



0, 146, 171

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



180, 15, 240



75, 240, 15

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0, 144, 72



180, 15, 240



79, 126, 0

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



180, 15, 240



229, 0, 0



0, 139, 0



0, 146, 255

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



180, 15, 240



255, 0, 91



0, 139, 0



0, 146, 139

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



180, 15, 240



236, 184, 255



15, 75, 240



116, 84, 128



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



180, 15, 240



187, 0, 255



240, 15, 187



117, 108, 120



135, 0, 184



41, 0, 56

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



240, 15, 75



255, 0, 68



15, 240, 67



120, 108, 111



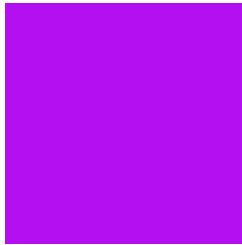
184, 0, 49



56, 0, 15

Previews

White Background



This preview shows how the RGB color 180, 15, 240 looks on a white background.

Color Contrast Check

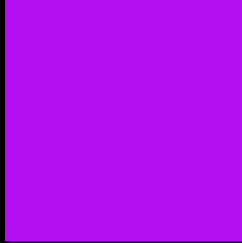
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 180, 15, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 180, 15, 240 Background



This preview shows how black text looks on a background with the RGB color 180, 15, 240.

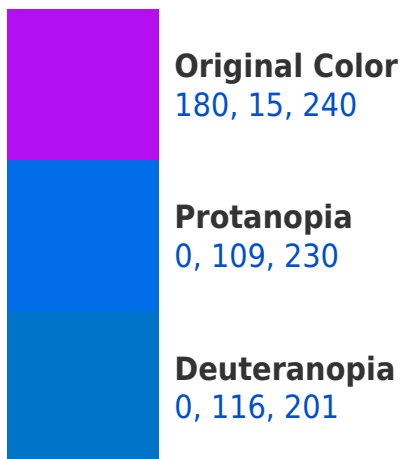



This preview shows how white text looks on a background with the RGB color 180, 15, 240.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
158, 95, 102

Trichromacy



Original Color

180, 15, 240



Protanomaly

65, 75, 234



Deuteranomaly

65, 79, 215



Tritanomaly

166, 66, 152

Monochromacy



Original Color

180, 15, 240



Achromatopsia

90, 90, 90



Achromatomaly

123, 63, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 15, 240 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(180, 15, 240)` looks like.

```
.text, #text, p{  
    color:rgb(180, 15, 240)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(180, 15, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 15, 240) }
```

Border

The CSS property to change the border of an element to RGB 180, 15, 240 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 15, 240) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(180, 15, 240) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(180, 15, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 15, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 15, 240);  
box-shadow:4px 4px 4px 4px rgb(180, 15,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 180, 15, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 15, 240) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(180, 15,  
240) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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