

Converting Colors

RGB(179, 0, 204)

Have a look what the booklet for
RGB(179, 0, 204) contains.

RGB(179, 0, 204)	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(179, 0, 204)

Conversions

Conversions Part 1

Format	Color
Hex	B300CC
RGB	179, 0, 204
RGB Percent	70%, 0%, 80%
CMY	0.2980, 1.0000, 0.2000
CMYK	0.12, 1.00, 0.00, 0.20
HSL	293°, 100%, 40%
HSV	293°, 100%, 80%
XYZ	29.4895, 13.9433, 58.2638
YIQ	76.7770, 41.2000, 101.3920

Conversions

Conversions Part 2

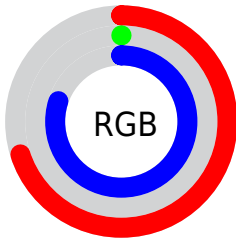
Format	Color
RYB	179, 0, 204
Decimal	11731148
CIELab	44.15, 79.22, -58.66
CIELCh	44, 98.572, 323.479
Yxy	13.9433, 0.2900, 0.1371
Android (android.graphics.Color)	4289921228 (0xFFB300CC)
YUV	76.7770, 62.7209, 89.6496
Hunter-Lab	37.3408, 75.6221, -66.3732

Details

The RGB color **179, 0, 204** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **25, 204, 0**, and the grayscale version is **76, 76, 76**.

A 20% lighter version of the original color is **239, 88, 255**, and **121, 0, 149** is the 20% darker color. If you saturate the color by 10%, you get **179, 0, 204**, and if you desaturate by 10%, it is **181, 20, 204**.

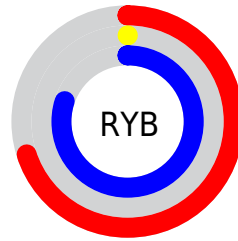
Distribution



Red (70%)

Green (0%)

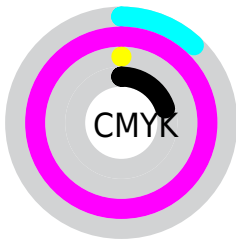
Blue (80%)



Red (70%)

Yellow (0%)

Blue (80%)

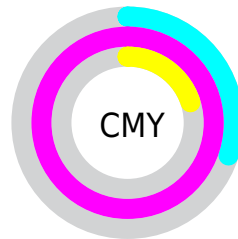


Cyan (12%)

Magenta (100%)

Yellow (0%)

Black (20%)



Cyan (30%)

Magenta (100%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 179, 0, 204 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 179, 0, 204 by changing the saturation by 10% instead.


 179, 0, 204

 179, 0, 204

255, 255, 255

 150, 0, 176

 239, 88, 255

 121, 0, 149

 255, 118, 255

 92, 0, 122

 255, 148, 255

 64, 0, 96

 255, 177, 255

 34, 0, 72

 255, 207, 255

 0, 0, 48

 255, 237, 255

 0, 1, 26

 0, 0, 0

 179, 0, 204

■ 181, 20, 204

■ 184, 41, 204

■ 186, 61, 204

■ 189, 82, 204

■ 191, 102, 204

■ 194, 122, 204

■ 196, 143, 204

■ 199, 163, 204

■ 202, 184, 204

Harmonies

Analogous

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



0, 92, 255



179, 0, 204



232, 0, 126

Triad

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



179, 0, 204



143, 96, 0



0, 135, 168

Complementary

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



179, 0, 204



25, 204, 0

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, 133, 83



179, 0, 204



62, 119, 0

Square

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



179, 0, 204



200, 44, 0



0, 129, 0



0, 134, 238

Rectangle

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



179, 0, 204



238, 0, 73



0, 129, 0



0, 135, 141

Sweetspot

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



179, 0, 204



246, 179, 255



0, 27, 204



122, 82, 128



0, 0, 0



128, 128, 128

Same Dimension

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



179, 0, 204



224, 0, 255



204, 0, 129



101, 92, 102



145, 0, 166



34, 0, 38

Inverse Universe

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



204, 0, 25



255, 0, 31



0, 204, 75



102, 92, 93



166, 0, 20



38, 0, 5

Previews

White Background



This preview shows how the RGB color 179, 0, 204 looks on a white background.

Color Contrast Check

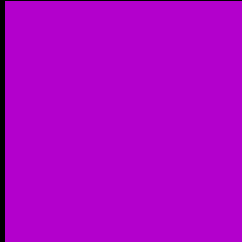
Large Text (above 18pt) WCAG AA ✓ Pass

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 179, 0, 204 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 179, 0, 204 Background



This preview shows how black text looks on a background with the RGB color 179, 0, 204.



This preview shows how white text looks on a background with the RGB color 179, 0, 204.

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



Original Color

179, 0, 204

Protanopia

0, 103, 217

Deuteranopia

10, 108, 192



Tritanopia
164, 80, 86

Trichromacy



Original Color

179, 0, 204



Protanomaly

65, 66, 212



Deuteranomaly

71, 69, 196



Tritanomaly

169, 51, 129

Monochromacy



Original Color

179, 0, 204



Achromatopsia

77, 77, 77



Achromatomaly

114, 49, 123

CSS Examples

Text

The CSS property to change the color of the text to RGB 179, 0, 204 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(179, 0, 204)` looks like.

```
.text, #text, p{  
    color:rgb(179, 0, 204)  
}
```

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(179, 0, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 0, 204) }
```

Border

The CSS property to change the border of an element to RGB 179, 0, 204 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(179, 0, 204) }
```

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

```
.border{ border-color:rgb(179, 0, 204) }
```

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

Here you see how a box with a 4 pixel rgb(179, 0, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 0, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 0, 204);  
box-shadow:4px 4px 4px 4px rgb(179, 0,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 179, 0, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 0, 204) }
```

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

```
.background{ background-color: rgb(179, 0,  
204) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor