

Converting Colors

RGB(184, 0, 245)

Have a look what the booklet for
RGB(184, 0, 245) contains.

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Color

RGB(184, 0, 245)

Conversions

Conversions Part 1

Format	Color
Hex	B800F5
RGB	184, 0, 245
RGB Percent	72%, 0%, 96%
CMY	0.2784, 1.0000, 0.0392
CMYK	0.25, 1.00, 0.00, 0.04
HSL	285°, 100%, 48%
HSV	285°, 100%, 96%
XYZ	36.2486, 16.7829, 87.7151
YIQ	82.9460, 31.0190, 115.2030

Conversions

Conversions Part 2

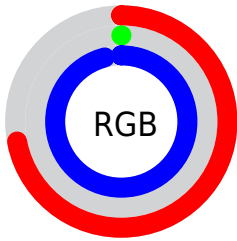
Format	Color
RYB	184, 0, 245
Decimal	12058869
CIELab	47.99, 86.80, -75.78
CIElCh	48, 115.219, 318.878
Yxy	16.7829, 0.2575, 0.1192
Android (android.graphics.Color)	4290248949 (0xFFB800F5)
YUV	82.9460, 79.8926, 88.6244
Hunter-Lab	40.9670, 86.2491, -98.2700

Details

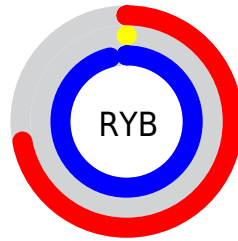
The RGB color **184, 0, 245** is a dark color, and the websafe version is hex **CC00FF**. The color can be described as middle saturated purple. A complement of this color would be **61, 245, 0**, and the grayscale version is **82, 82, 82**.

A 20% lighter version of the original color is **245, 92, 255**, and **124, 0, 187** is the 20% darker color. If you saturate the color by 10%, you get **184, 0, 245**, and if you desaturate by 10%, it is **190, 24, 245**.

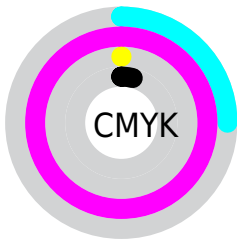
Distribution



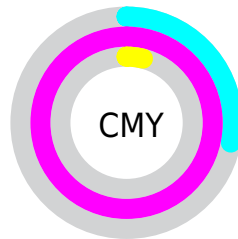
- Red (72%)
- Green (0%)
- Blue (96%)



- Red (72%)
- Yellow (0%)
- Blue (96%)



- Cyan (25%)
- Magenta (100%)
- Yellow (0%)
- Black (4%)



- Cyan (28%)
- Magenta (100%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 184, 0, 245 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 184, 0, 245 by changing the saturation by 10% instead.



184, 0, 245



184, 0, 245

255, 255, 255



154, 0, 216



245, 92, 255



124, 0, 187



255, 123, 255



93, 0, 160



255, 153, 255



61, 0, 132



255, 182, 255



27, 0, 106



255, 212, 255



0, 0, 81



255, 243, 255



0, 5, 57




0, 2, 34




0, 0, 8

 184, 0, 245


 190, 24, 245


 196, 49, 245

 202, 74, 245

 208, 98, 245

 215, 123, 245

 221, 147, 245

 227, 171, 245

 233, 196, 245

 239, 221, 245

Harmonies

Analogous

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



0, 107, 255



184, 0, 245



255, 0, 155

Triad

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



184, 0, 245



169, 97, 0



0, 149, 175

Complementary

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



184, 0, 245



61, 245, 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, 146, 73



184, 0, 245



78, 128, 0

Square

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



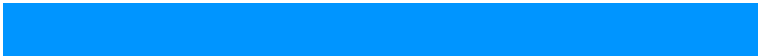
184, 0, 245



233, 0, 0



0, 141, 0



0, 149, 255

Rectangle

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



184, 0, 245



255, 0, 91



0, 141, 0



0, 148, 142

Sweetspot

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



184, 0, 245



236, 179, 255



0, 61, 245



116, 82, 128



0, 0, 0



128, 128, 128

Same Dimension

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



184, 0, 245



192, 0, 255



245, 0, 184



119, 110, 122



140, 0, 186



44, 0, 59

Inverse Universe

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



245, 0, 61



255, 0, 63



0, 245, 61



122, 110, 113



186, 0, 46



59, 0, 15

Previews

White Background



This preview shows how the RGB color 184, 0, 245 looks on a white background.

Color Contrast Check

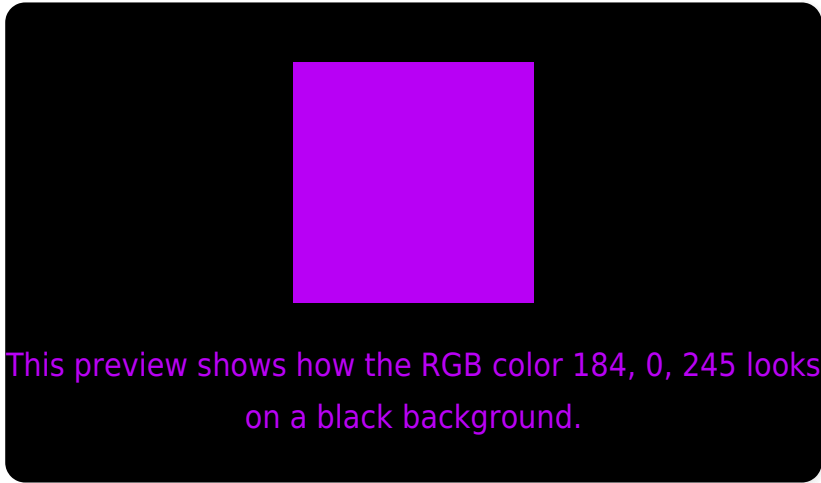
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 184, 0, 245 Background



This preview shows how black text looks on a background with the RGB color 184, 0, 245.

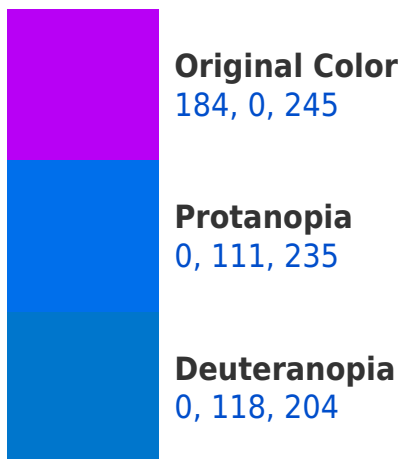


This preview shows how white text looks on a background with the RGB color 184, 0, 245.

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
162, 96, 103

Trichromacy



Original Color

184, 0, 245



Protanomaly

67, 71, 239



Deuteranomaly

67, 75, 219



Tritanomaly

170, 61, 155

Monochromacy



Original Color

184, 0, 245



Achromatopsia

83, 83, 83



Achromatomaly

120, 53, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 184, 0, 245 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(184, 0, 245)` looks like.

```
.text, #text, p{  
    color:rgb(184, 0, 245)  
}
```

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(184, 0, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 0, 245) }
```

Border

The CSS property to change the border of an element to RGB 184, 0, 245 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(184, 0, 245) }
```

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

```
.border{ border-color:rgb(184, 0, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 0, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 0, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 0, 245);  
box-shadow:4px 4px 4px 4px rgb(184, 0,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 184, 0, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 0, 245) }
```

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

```
.background{ background-color: rgb(184, 0,  
245) }
```

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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