

Converting Colors

RGB(181, 0, 252)

Have a look what the booklet for
RGB(181, 0, 252) contains.

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Color

RGB(181, 0, 252)

Conversions

Conversions Part 1

Format	Color
Hex	B500FC
RGB	181, 0, 252
RGB Percent	71%, 0%, 99%
CMY	0.2902, 1.0000, 0.0118
CMYK	0.28, 1.00, 0.00, 0.01
HSL	283°, 100%, 49%
HSV	283°, 100%, 99%
XYZ	36.6267, 16.8520, 93.4178
YIQ	82.8470, 26.9840, 116.7440

Conversions

Conversions Part 2

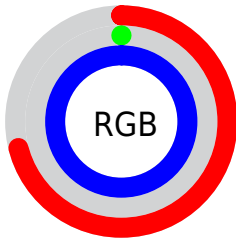
Format	Color
R_{YB}	181, 0, 252
Decimal	11862268
CIE _{Lab}	48.07, 87.67, -79.57
CIE _{LCh}	48, 118.400, 317.773
Yxy	16.8520, 0.2493, 0.1147
Android (android.graphics.Color)	4290052348 (0xFFB500FC)
YUV	82.8470, 83.3924, 86.0802
Hunter-Lab	41.0512, 87.4217, -106.1868

Details

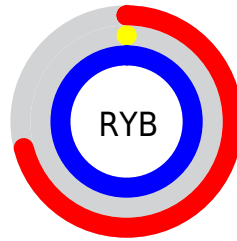
The RGB color **181, 0, 252** is a dark color, and the websafe version is hex **CC00FF**. The color can be described as middle saturated purple. A complement of this color would be **71, 252, 0**, and the grayscale version is **82, 82, 82**.

A 20% lighter version of the original color is **243, 92, 255**, and **120, 0, 194** is the 20% darker color. If you saturate the color by 10%, you get **181, 0, 252**, and if you desaturate by 10%, it is **188, 25, 252**.

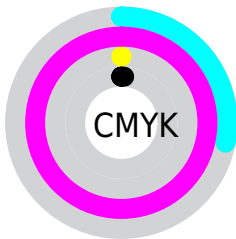
Distribution



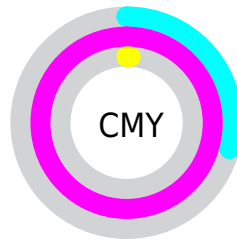
- Red (71%)
- Green (0%)
- Blue (99%)



- Red (71%)
- Yellow (0%)
- Blue (99%)



- Cyan (28%)
- Magenta (100%)
- Yellow (0%)
- Black (1%)



- Cyan (29%)
- Magenta (100%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 0, 252 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 181, 0, 252 by changing the saturation by 10% instead.



181, 0, 252



181, 0, 252

255, 255, 255



151, 0, 223



243, 92, 255



120, 0, 194



255, 123, 255



89, 0, 166



255, 153, 255



55, 0, 139



255, 182, 255



14, 0, 112



255, 212, 255



0, 0, 86



255, 243, 255



0, 6, 62




0, 3, 39



0, 1, 16

 181, 0, 252


 188, 25, 252


 195, 50, 252

 202, 76, 252

 209, 101, 252

 216, 126, 252

 224, 151, 252

 231, 176, 252

 238, 202, 252

 245, 227, 252

Harmonies

Analogous

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



0, 110, 255



181, 0, 252



255, 0, 160

Triad

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



181, 0, 252



172, 95, 0



0, 149, 174

Complementary

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



181, 0, 252



71, 252, 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, 67



181, 0, 252



81, 128, 0

Square

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



181, 0, 252



237, 0, 0



0, 141, 0



0, 150, 255

Rectangle

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



181, 0, 252



255, 0, 94



0, 141, 0



0, 148, 139

Sweetspot

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



181, 0, 252



233, 179, 255



0, 71, 252



115, 82, 128



0, 0, 0



128, 128, 128

Same Dimension

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



181, 0, 252



183, 0, 255



252, 0, 197



121, 112, 125



136, 0, 189



44, 0, 61

Inverse Universe

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



252, 0, 71



255, 0, 72



0, 252, 55



125, 112, 116



189, 0, 53



61, 0, 17

Previews

White Background



This preview shows how the RGB color 181, 0, 252 looks on a white background.

Color Contrast Check

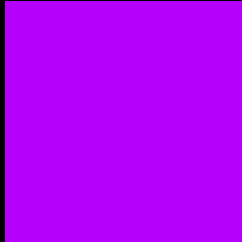
Large Text (above 18pt) WCAG AA ✓ Pass

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 181, 0, 252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

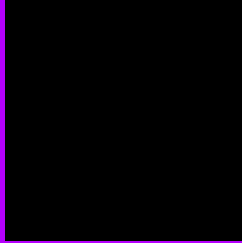
Any Text WCAG AA × Fail

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 181, 0, 252 Background



This preview shows how black text looks on a background with the RGB color 181, 0, 252.



This preview shows how white text looks on a background with the RGB color 181, 0, 252.

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

181, 0, 252

Protanopia

0, 112, 235

Deuteranopia

0, 118, 204



Tritanopia
157, 99, 106

Trichromacy



Original Color

181, 0, 252



Protanomaly

66, 71, 241



Deuteranomaly

66, 75, 221



Tritanomaly

166, 63, 159

Monochromacy



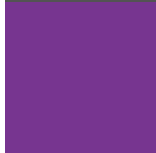
Original Color

181, 0, 252



Achromatopsia

83, 83, 83



Achromatomaly

119, 53, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 0, 252 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(181, 0, 252)` looks like.

```
.text, #text, p{  
    color:rgb(181, 0, 252)  
}
```

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(181, 0, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 0, 252) }
```

Border

The CSS property to change the border of an element to RGB 181, 0, 252 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(181, 0, 252) }
```

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

```
.border{ border-color:rgb(181, 0, 252) }
```

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

Here you see how a box with a 4 pixel rgb(181, 0, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 0, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 0, 252);  
box-shadow:4px 4px 4px 4px rgb(181, 0,  
252) }
```

Background

The CSS property to change the background color of an element to RGB 181, 0, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 0, 252) }
```

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

```
.background{ background-color: rgb(181, 0,  
252) }
```

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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