

Converting Colors

RGB(183, 0, 253)

Have a look what the booklet for
RGB(183, 0, 253) contains.

RGB(183, 0, 253)	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(183, 0, 253)

Conversions

Conversions Part 1

Format	Color
Hex	B700FD
RGB	183, 0, 253
RGB Percent	72%, 0%, 99%
CMY	0.2824, 1.0000, 0.0078
CMYK	0.28, 1.00, 0.00, 0.01
HSL	283°, 100%, 50%
HSV	283°, 100%, 99%
XYZ	37.2581, 17.1591, 94.2768
YIQ	83.5590, 27.8550, 117.4790

Conversions

Conversions Part 2

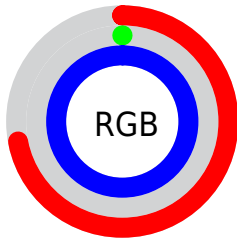
Format	Color
R_{YB}	183, 0, 253
Decimal	11993341
CIE _{Lab}	48.46, 88.08, -79.49
CIE _{LCh}	48, 118.647, 317.937
Yxy	17.1591, 0.2506, 0.1154
Android (android.graphics.Color)	4290183421 (0xFFB700FD)
YUV	83.5590, 83.5344, 87.2098
Hunter-Lab	41.4236, 88.0589, -105.9429

Details

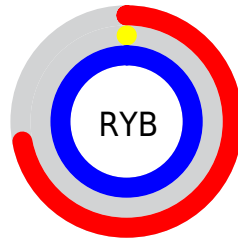
The RGB color **183, 0, 253** is a dark color, and the websafe version is hex **CC00FF**. The color can be described as middle saturated purple. A complement of this color would be **70, 253, 0**, and the grayscale version is **83, 83, 83**.

A 20% lighter version of the original color is **245, 92, 255**, and **122, 0, 195** is the 20% darker color. If you saturate the color by 10%, you get **183, 0, 253**, and if you desaturate by 10%, it is **190, 25, 253**.

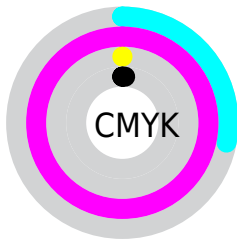
Distribution



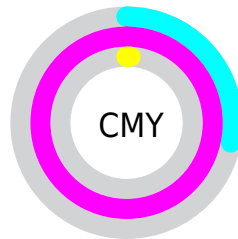
- Red (72%)
- Green (0%)
- Blue (99%)



- Red (72%)
- Yellow (0%)
- Blue (99%)



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



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

Brightness & Saturation Gradients

These gradients show how the RGB color 183, 0, 253 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 183, 0, 253 by changing the saturation by 10% instead.



183, 0, 253



183, 0, 253

255, 255, 255



152, 0, 224



245, 92, 255



122, 0, 195



255, 123, 255



91, 0, 167



255, 153, 255



58, 0, 139



255, 183, 255



19, 0, 113



255, 213, 255



0, 0, 87



255, 243, 255



0, 6, 63




0, 3, 40




0, 1, 17


 183, 0, 253

 190, 25, 253


 197, 51, 253

 204, 76, 253

 211, 101, 253

 218, 127, 253

 225, 152, 253

 232, 177, 253

 239, 202, 253

 246, 228, 253

Harmonies

Analogous

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



0, 110, 255



183, 0, 253



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.



183, 0, 253



173, 96, 0



0, 150, 175

Complementary

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



183, 0, 253



70, 253, 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, 148, 69



183, 0, 253



81, 129, 0

Square

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



183, 0, 253



239, 0, 0



0, 142, 0



0, 151, 255

Rectangle

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



183, 0, 253



255, 0, 95



0, 142, 0



0, 150, 141

Sweetspot

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



183, 0, 253



234, 179, 255



0, 72, 253



115, 82, 128



0, 0, 0



128, 128, 128

Same Dimension

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



183, 0, 253



184, 0, 255



253, 0, 198



124, 115, 128



138, 0, 191



46, 0, 64

Inverse Universe

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



253, 0, 70



255, 0, 71



0, 253, 55



128, 115, 118



191, 0, 53



64, 0, 18

Previews

White Background



This preview shows how the RGB color 183, 0, 253 looks on a white background.

Color Contrast Check

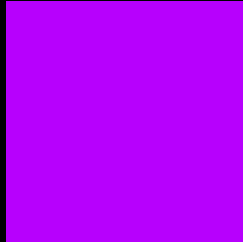
Large Text (above 18pt) WCAG AA ✓ Pass

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 183, 0, 253 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 183, 0, 253 Background



This preview shows how black text looks on a background with the RGB color 183, 0, 253.



This preview shows how white text looks on a background with the RGB color 183, 0, 253.

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
183, 0, 253

Protanopia
0, 112, 237

Deuteranopia
0, 119, 206



Tritanopia
159, 99, 106

Trichromacy



Original Color

183, 0, 253



Protanomaly

67, 71, 243



Deuteranomaly

67, 76, 223



Tritanomaly

168, 63, 159

Monochromacy



Original Color

183, 0, 253



Achromatopsia

84, 84, 84



Achromatomaly

120, 53, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 183, 0, 253 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(183, 0, 253)` looks like.

```
.text, #text, p{  
    color:rgb(183, 0, 253)  
}
```

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(183, 0, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 0, 253) }
```

Border

The CSS property to change the border of an element to RGB 183, 0, 253 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(183, 0, 253) }
```

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

```
.border{ border-color:rgb(183, 0, 253) }
```

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

Here you see how a box with a 4 pixel rgb(183, 0, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 0, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 0, 253);  
box-shadow:4px 4px 4px 4px rgb(183, 0,  
253) }
```

Background

The CSS property to change the background color of an element to RGB 183, 0, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 0, 253) }
```

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

```
.background{ background-color: rgb(183, 0,  
253) }
```

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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