

Converting Colors

RGB(181, 51, 255)

Have a look what the booklet for
RGB(181, 51, 255) contains.

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Color

RGB(181, 51, 255)

Conversions

Conversions Part 1

Format	Color
Hex	B533FF
RGB	181, 51, 255
RGB Percent	71%, 20%, 100%
CMY	0.2902, 0.8000, 0.0000
CMYK	0.29, 0.80, 0.00, 0.00
HSL	278°, 100%, 60%
HSV	278°, 80%, 100%
XYZ	38.2899, 19.4114, 96.3364
YIQ	113.1260, 11.9960, 91.0040

Conversions

Conversions Part 2

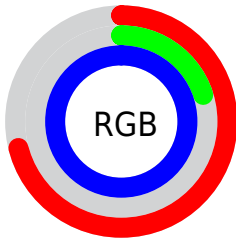
Format	Color
R _Y B	181, 51, 255
Decimal	11875327
CIE Lab	51.17, 79.77, -76.20
CIE LCh	51, 110.318, 316.312
Yxy	19.4114, 0.2486, 0.1260
Android (android.graphics.Color)	4290065407 (0xFFB533FF)
YUV	113.1260, 69.9439, 59.5255
Hunter-Lab	44.0584, 78.0271, -98.8004

Details

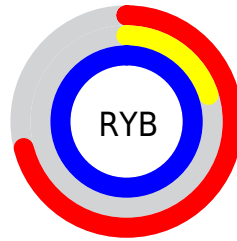
The RGB color **181, 51, 255** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed purple. A complement of this color would be **125, 255, 51**, and the grayscale version is **112, 112, 112**.

A 20% lighter version of the original color is **242, 113, 255**, and **121, 0, 197** is the 20% darker color. If you saturate the color by 10%, you get **172, 25, 255**, and if you desaturate by 10%, it is **190, 77, 255**.

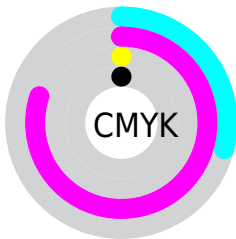
Distribution



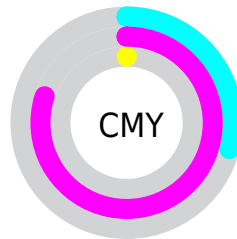
- Red (71%)
- Green (20%)
- Blue (100%)



- Red (71%)
- Yellow (20%)
- Blue (100%)



- Cyan (29%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)





- Cyan (29%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the RGB color 181, 51, 255 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, 51, 255 by changing the saturation by 10% instead.


 181, 51, 255

 181, 51, 255


255, 255, 255

 151, 0, 226

 242, 113, 255

 121, 0, 197

 255, 142, 255

 90, 0, 169

 255, 171, 255

 58, 0, 142

 255, 201, 255

 20, 0, 115

 255, 230, 255

 0, 0, 89

 0, 7, 65

 0, 3, 42

 0, 1, 20

■ 181, 51, 255

■ 181, 51, 255

■ 172, 25, 255

■ 190, 77, 255

■ 162, 0, 255

■ 199, 102, 255

■ 209, 128, 255

■ 218, 153, 255

■ 227, 179, 255

■ 236, 204, 255

■ 246, 230, 255

255, 255, 255

Harmonies

Analogous

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



0, 119, 255



181, 51, 255



255, 0, 169

Triad

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



181, 51, 255



183, 102, 0



0, 157, 173

Complementary

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



181, 51, 255



125, 255, 51

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, 154, 73



181, 51, 255



100, 134, 0

Square

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



181, 51, 255



244, 13, 0



0, 148, 0



0, 157, 255

Rectangle

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



181, 51, 255



255, 0, 107



0, 148, 0



0, 156, 140

Sweetspot

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



181, 51, 255



233, 194, 255



51, 126, 255



114, 91, 128



0, 0, 0



128, 128, 128

Same Dimension

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



181, 51, 255



166, 10, 255



255, 51, 228



123, 115, 128



122, 0, 191



41, 0, 64

Inverse Universe

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



255, 51, 125



255, 10, 99



51, 255, 78



128, 115, 119



191, 0, 69



64, 0, 23

Previews

White Background



This preview shows how the RGB color 181, 51, 255 looks on a white background.

Color Contrast Check

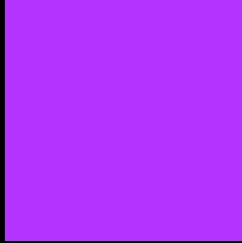
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 181, 51, 255 looks on a black 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

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

RGB 181, 51, 255 Background



This preview shows how black text looks on a background with the RGB color 181, 51, 255.



This preview shows how white text looks on a background with the RGB color 181, 51, 255.

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, 51, 255

Protanopia

0, 118, 248

Deuteranopia

0, 125, 216



Tritanopia
157, 108, 116

Trichromacy



Original Color

181, 51, 255



Protanomaly

66, 94, 251



Deuteranomaly

66, 98, 230



Tritanomaly

166, 87, 167

Monochromacy



Original Color

181, 51, 255



Achromatopsia

113, 113, 113



Achromatomaly

138, 90, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 51, 255 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, 51, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 51, 255)  
}
```

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, 51, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 51, 255) }
```

Border

The CSS property to change the border of an element to RGB 181, 51, 255 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, 51, 255) }
```

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

```
.border{ border-color:rgb(181, 51, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 51, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 51, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 51, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 51,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 181, 51, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 51, 255) }
```

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

```
.background{ background-color: rgb(181, 51,  
255) }
```

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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