

Converting Colors

RGB(180, 58, 248)

Have a look what the booklet for
RGB(180, 58, 248) contains.

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Color

RGB(180, 58, 248)

Conversions

Conversions Part 1

Format	Color
Hex	B43AF8
RGB	180, 58, 248
RGB Percent	71%, 23%, 97%
CMY	0.2941, 0.7725, 0.0275
CMYK	0.27, 0.77, 0.00, 0.03
HSL	279°, 93%, 60%
HSV	279°, 77%, 97%
XYZ	37.2787, 19.5067, 90.6073
YIQ	116.1380, 11.7220, 84.9540

Conversions

Conversions Part 2

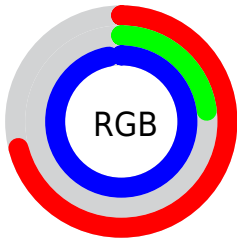
Format	Color
R_{YB}	180, 58, 248
Decimal	11811576
CIE _{Lab}	51.27, 76.02, -72.13
CIE _{LCh}	51, 104.791, 316.505
Yxy	19.5067, 0.2529, 0.1323
Android (android.graphics.Color)	4290001656 (0xFFB43AF8)
YUV	116.1380, 65.0080, 56.0070
Hunter-Lab	44.1664, 73.3720, -90.7168

Details

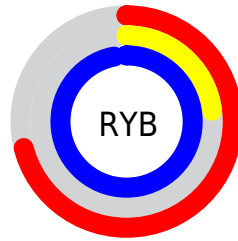
The RGB color **180, 58, 248** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed purple. A complement of this color would be **126, 248, 58**, and the grayscale version is **116, 116, 116**.

A 20% lighter version of the original color is **240, 118, 255**, and **121, 0, 190** is the 20% darker color. If you saturate the color by 10%, you get **171, 33, 248**, and if you desaturate by 10%, it is **189, 83, 248**.

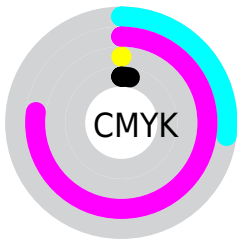
Distribution



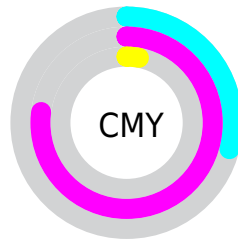
- Red (71%)
- Green (23%)
- Blue (97%)



- Red (71%)
- Yellow (23%)
- Blue (97%)



- Cyan (27%)
- Magenta (77%)
- Yellow (0%)
- Black (3%)





- Cyan (29%)
- Magenta (77%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 58, 248 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 180, 58, 248 by changing the saturation by 10% instead.

 180, 58, 248

 180, 58, 248


255, 255, 255

 150, 18, 219

 240, 118, 255

 121, 0, 190

 255, 146, 255

 91, 0, 163

 255, 175, 255

 59, 0, 135

 255, 204, 255

 25, 0, 109

 255, 234, 255

 0, 0, 84

 0, 6, 59

 0, 2, 37

 0, 1, 13

■ 180, 58, 248

■ 180, 58, 248

■ 171, 33, 248

■ 189, 83, 248

■ 162, 8, 248

■ 198, 108, 248

■ 159, 0, 248

■ 207, 132, 248

■ 216, 157, 248

■ 224, 182, 248

■ 233, 207, 248

■ 242, 232, 248

■ 251, 255, 248

■ 255, 255, 248

Harmonies

Analogous

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



0, 118, 255



180, 58, 248



254, 0, 167

Triad

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



180, 58, 248



182, 103, 0



0, 156, 171

Complementary

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



180, 58, 248



126, 248, 58

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, 77



180, 58, 248



103, 133, 0

Square

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



180, 58, 248



239, 35, 0



0, 148, 0



0, 155, 253

Rectangle

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



180, 58, 248



255, 0, 108



0, 148, 0



0, 156, 140

Sweetspot

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



180, 58, 248



234, 196, 255



58, 128, 248



115, 92, 128



0, 0, 0



128, 128, 128

Same Dimension

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



180, 58, 248



171, 20, 255



248, 58, 223



120, 112, 125



121, 0, 189



39, 0, 61

Inverse Universe

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



248, 58, 126



255, 20, 104



58, 248, 83



125, 112, 117



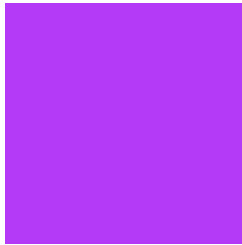
189, 0, 68



61, 0, 22

Previews

White Background



This preview shows how the RGB color 180, 58, 248 looks on a white background.

Color Contrast Check

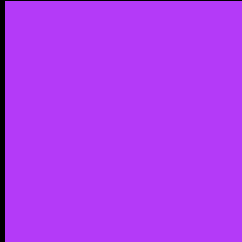
Large Text (above 18pt) WCAG AA ✓ Pass

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 180, 58, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

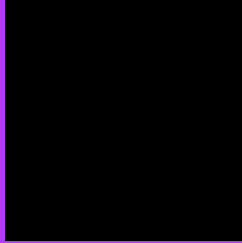
Any Text WCAG AA ✓ Pass

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 180, 58, 248 Background



This preview shows how black text looks on a background with the RGB color 180, 58, 248.

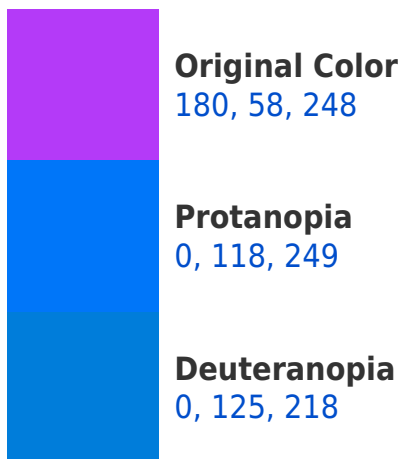



This preview shows how white text looks on a background with the RGB color 180, 58, 248.

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
158, 108, 116

Trichromacy



Original Color

180, 58, 248



Protanomaly

65, 96, 249



Deuteranomaly

65, 101, 229



Tritanomaly

166, 90, 164

Monochromacy



Original Color

180, 58, 248



Achromatopsia

116, 116, 116



Achromatomaly

139, 95, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 58, 248 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(180, 58, 248)` looks like.

```
.text, #text, p{  
    color:rgb(180, 58, 248)  
}
```

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(180, 58, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 58, 248) }
```

Border

The CSS property to change the border of an element to RGB 180, 58, 248 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(180, 58, 248) }
```

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

```
.border{ border-color:rgb(180, 58, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 58, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 58, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 58, 248);  
box-shadow:4px 4px 4px 4px rgb(180, 58,  
248) }
```

Background

The CSS property to change the background color of an element to RGB 180, 58, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 58, 248) }
```

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

```
.background{ background-color: rgb(180, 58,  
248) }
```

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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