

Converting Colors

RGB(180, 74, 246)

Have a look what the booklet for
RGB(180, 74, 246) contains.

RGB(180, 74, 246)	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(180, 74, 246)

Conversions

Conversions Part 1

Format	Color
Hex	B44AF6
RGB	180, 74, 246
RGB Percent	71%, 29%, 96%
CMY	0.2941, 0.7098, 0.0353
CMYK	0.27, 0.70, 0.00, 0.04
HSL	277°, 91%, 63%
HSV	277°, 70%, 96%
XYZ	37.9057, 21.2547, 89.2935
YIQ	125.3020, 7.9640, 75.9640

Conversions

Conversions Part 2

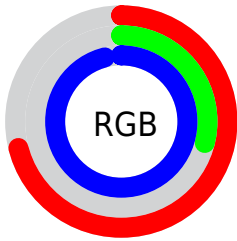
Format	Color
R _Y B	180, 74, 246
Decimal	11815670
CIE Lab	53.23, 69.64, -67.85
CIE LCh	53, 97.230, 315.749
Yxy	21.2547, 0.2553, 0.1432
Android (android.graphics.Color)	4290005750 (0xFFB44AF6)
YUV	125.3020, 59.5041, 47.9701
Hunter-Lab	46.1028, 66.0828, -82.5630

Details

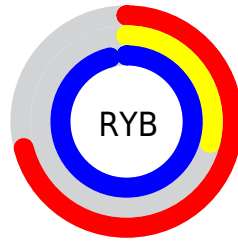
The RGB color **180, 74, 246** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light washed purple. A complement of this color would be **140, 246, 74**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **240, 130, 255**, and **121, 0, 189** is the 20% darker color. If you saturate the color by 10%, you get **171, 49, 246**, and if you desaturate by 10%, it is **189, 99, 246**.

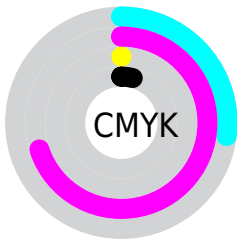
Distribution



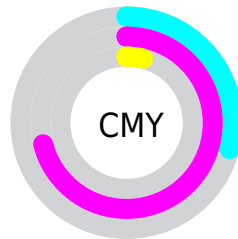
- Red (71%)
- Green (29%)
- Blue (96%)



- Red (71%)
- Yellow (29%)
- Blue (96%)



- Cyan (27%)
- Magenta (70%)
- Yellow (0%)
- Black (4%)



- Cyan (29%)
- Magenta (71%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 74, 246 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, 74, 246 by changing the saturation by 10% instead.



180, 74, 246



180, 74, 246

255, 255, 255



151, 43, 217



240, 130, 255



121, 0, 189



255, 159, 255



92, 0, 161



255, 187, 255



62, 0, 134



255, 216, 255



29, 0, 108



255, 246, 255



0, 0, 82




0, 5, 58




0, 2, 35




0, 0, 11

 180, 74, 246

 180, 74, 246

 171, 49, 246

 189, 99, 246


 161, 25, 246

 199, 123, 246

 152, 0, 246

 208, 148, 246

 152, 0, 246

 218, 172, 246

 227, 197, 246

 237, 222, 246

 246, 246, 246

 255, 255, 246

Harmonies

Analogous

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



0, 124, 255



180, 74, 246



251, 0, 171

Triad

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



180, 74, 246



187, 109, 0



0, 160, 171

Complementary

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



180, 74, 246



140, 246, 74

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, 158, 82



180, 74, 246



114, 137, 0

Square

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



180, 74, 246



240, 54, 0



0, 151, 0



0, 159, 247

Rectangle

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



180, 74, 246



255, 0, 115



0, 151, 0



0, 160, 142

Sweetspot

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



180, 74, 246



234, 201, 255



74, 143, 246



115, 96, 128



0, 0, 0



128, 128, 128

Same Dimension

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



180, 74, 246



173, 41, 255



246, 74, 229



118, 110, 122



115, 0, 186



36, 0, 59

Inverse Universe

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



246, 74, 140



255, 41, 123



74, 246, 91



122, 110, 115



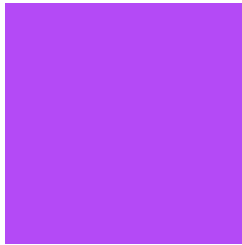
186, 0, 71



59, 0, 23

Previews

White Background



This preview shows how the RGB color 180, 74, 246 looks on a white background.

Color Contrast Check

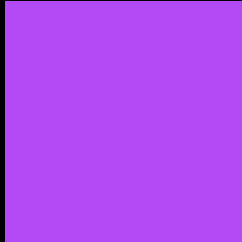
Large Text (above 18pt) WCAG AA ✓ Pass

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, 74, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

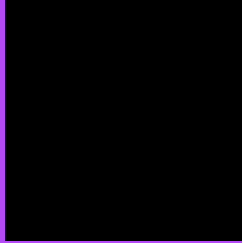
Any Text WCAG AA ✓ Pass

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, 74, 246 Background



This preview shows how black text looks on a background with the RGB color 180, 74, 246.

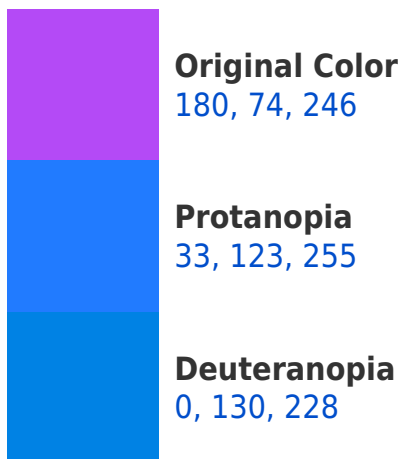



This preview shows how white text looks on a background with the RGB color 180, 74, 246.

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
159, 115, 124

Trichromacy



Original Color

180, 74, 246



Protanomaly

86, 105, 252



Deuteranomaly

65, 110, 235



Tritanomaly

167, 100, 168

Monochromacy



Original Color

180, 74, 246



Achromatopsia

125, 125, 125



Achromatomaly

145, 106, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 74, 246 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, 74, 246)` looks like.

```
.text, #text, p{  
    color:rgb(180, 74, 246)  
}
```

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, 74, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 74, 246) }
```

Border

The CSS property to change the border of an element to RGB 180, 74, 246 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, 74, 246) }
```

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

```
.border{ border-color:rgb(180, 74, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 74, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 74, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 74, 246);  
box-shadow:4px 4px 4px 4px rgb(180, 74,  
246) }
```

Background

The CSS property to change the background color of an element to RGB 180, 74, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 74, 246) }
```

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

```
.background{ background-color: rgb(180, 74,  
246) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor