

Converting Colors

RGB(180, 97, 252)

Have a look what the booklet for
RGB(180, 97, 252) contains.

RGB(180, 97, 252)	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, 97, 252)

Conversions

Conversions Part 1

Format	Color
Hex	B461FC
RGB	180, 97, 252
RGB Percent	71%, 38%, 99%
CMY	0.2941, 0.6196, 0.0118
CMYK	0.29, 0.62, 0.00, 0.01
HSL	272°, 96%, 68%
HSV	272°, 62%, 99%
XYZ	40.6678, 25.2810, 94.8317
YIQ	139.4870, -0.2870, 65.8010

Conversions

Conversions Part 2

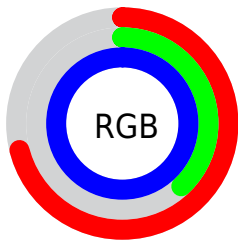
Format	Color
R_{YB}	180, 97, 252
Decimal	11821564
CIE _{Lab}	57.35, 60.61, -64.54
CIE _{LCh}	57, 88.536, 313.204
Yxy	25.2810, 0.2529, 0.1572
Android (android.graphics.Color)	4290011644 (0xFFB461FC)
YUV	139.4870, 55.4689, 35.5299
Hunter-Lab	50.2802, 56.3846, -76.6287

Details

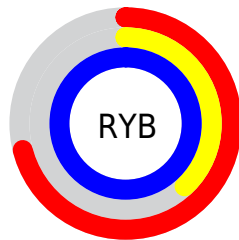
The RGB color **180, 97, 252** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **169, 252, 97**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **239, 151, 255**, and **122, 42, 194** is the 20% darker color. If you saturate the color by 10%, you get **168, 72, 252**, and if you desaturate by 10%, it is **192, 122, 252**.

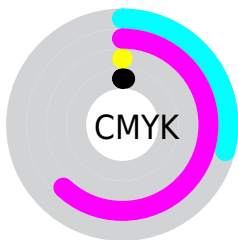
Distribution



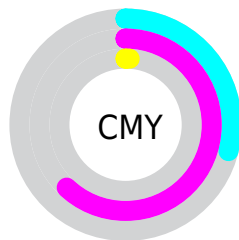
- Red (71%)
- Green (38%)
- Blue (99%)



- Red (71%)
- Yellow (38%)
- Blue (99%)



- Cyan (29%)
- Magenta (62%)
- Yellow (0%)
- Black (1%)


















- Cyan (29%)
- Magenta (62%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the RGB color 180, 97, 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 180, 97, 252 by changing the saturation by 10% instead.

 180, 97, 252	 180, 97, 252
255, 255, 255	 151, 70, 223
 239, 151, 255	 122, 42, 194
 255, 179, 255	 93, 5, 167
 255, 208, 255	 63, 0, 139
 255, 237, 255	 30, 0, 113
	 0, 0, 88
	 0, 2, 63
	 0, 3, 40
	 0, 1, 18

 180, 97, 252


 180, 97, 252


 168, 72, 252

 192, 122, 252

 157, 47, 252

 203, 147, 252

 145, 21, 252

 215, 173, 252

 135, 0, 252

 227, 198, 252

 239, 223, 252

 250, 248, 252

255, 255, 252

Harmonies

Analogous

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



0, 136, 255



180, 97, 252



251, 38, 184

Triad

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



180, 97, 252



202, 118, 0



0, 170, 171

Complementary

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



180, 97, 252



169, 252, 97

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, 167, 90



180, 97, 252



136, 145, 0

Square

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



180, 97, 252



249, 74, 30



19, 160, 0



0, 168, 243

Rectangle

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



180, 97, 252



255, 0, 133



19, 160, 0



0, 170, 144

Sweetspot

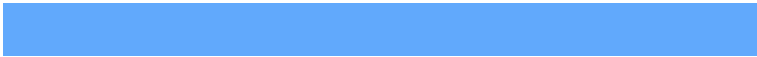
The Sweet Spot groups the original color and five complimentary colors.



180, 97, 252



234, 209, 255



97, 169, 252



114, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



180, 97, 252



167, 66, 255



252, 97, 247



119, 112, 125



101, 0, 189



33, 0, 61

Inverse Universe

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



252, 97, 169



255, 66, 154



97, 252, 102



125, 112, 118



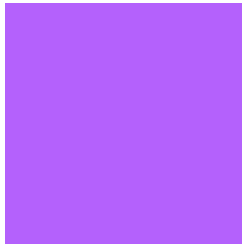
189, 0, 88



61, 0, 28

Previews

White Background



This preview shows how the RGB color 180, 97, 252 looks on a white background.

Color Contrast Check

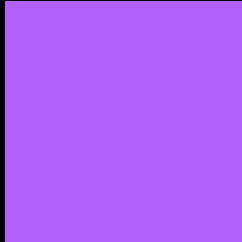
Large Text (above 18pt) WCAG AA ✓ Pass

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, 97, 252 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, 97, 252 Background



This preview shows how black text looks on a background with the RGB color 180, 97, 252.

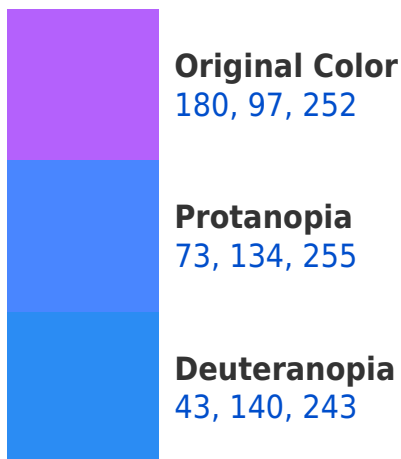


This preview shows how white text looks on a background with the RGB color 180, 97, 252.

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





Tritanopia
160, 129, 139

Trichromacy



Original Color
180, 97, 252



Protanomaly
112, 121, 254



Deuteranomaly
93, 124, 246



Tritanomaly
167, 117, 180

Monochromacy



Original Color
180, 97, 252



Achromatopsia
139, 139, 139



Achromatomaly
154, 124, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 97, 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(180, 97, 252)` looks like.

```
.text, #text, p{  
    color:rgb(180, 97, 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(180, 97, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 97, 252) }
```

Border

The CSS property to change the border of an element to RGB 180, 97, 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(180, 97, 252) }
```

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

```
.border{ border-color:rgb(180, 97, 252) }
```

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

Here you see how a box with a 4 pixel rgb(180, 97, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 97, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 97, 252);  
box-shadow:4px 4px 4px 4px rgb(180, 97,  
252) }
```

Background

The CSS property to change the background color of an element to RGB 180, 97, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 97, 252) }
```

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

```
.background{ background-color: rgb(180, 97,  
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](#).

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