

Converting Colors

RGB(184, 134, 253)

Have a look what the booklet for
RGB(184, 134, 253) contains.

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Color

RGB(184, 134, 253)

Conversions

Conversions Part 1

Format	Color
Hex	B886FD
RGB	184, 134, 253
RGB Percent	72%, 53%, 99%
CMY	0.2784, 0.4745, 0.0078
CMYK	0.27, 0.47, 0.00, 0.01
HSL	265°, 97%, 76%
HSV	265°, 47%, 99%
XYZ	46.0219, 34.3324, 97.1297
YIQ	162.5160, -8.3990, 47.6090

Conversions

Conversions Part 2

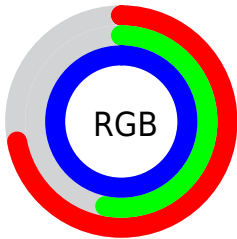
Format	Color
RYB	184, 134, 253
Decimal	12093181
CIELab	65.23, 42.52, -52.48
CIELCh	65, 67.544, 309.010
Yxy	34.3324, 0.2593, 0.1934
Android (android.graphics.Color)	4290283261 (0xFFB886FD)
YUV	162.5160, 44.6086, 18.8415
Hunter-Lab	58.5938, 37.6616, -57.2680

Details

The RGB color **184, 134, 253** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **203, 253, 134**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **242, 188, 255**, and **128, 83, 196** is the 20% darker color. If you saturate the color by 10%, you get **169, 109, 253**, and if you desaturate by 10%, it is **199, 159, 253**.

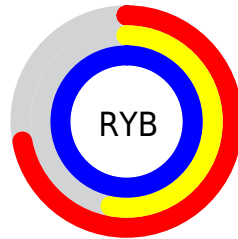
Distribution



Red (72%)

Green (53%)

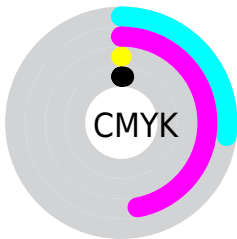
Blue (99%)



Red (72%)

Yellow (53%)

Blue (99%)

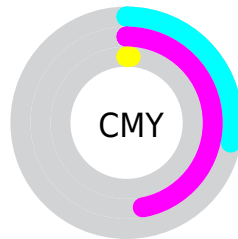


Cyan (27%)

Magenta (47%)

Yellow (0%)

Black (1%)



Cyan (28%)


Magenta (47%)


Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 184, 134, 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 184, 134, 253 by changing the saturation by 10% instead.

 184, 134, 253

 184, 134, 253

255, 255, 255

 156, 108, 224

 242, 188, 255

 128, 83, 196

 255, 216, 255

 100, 58, 168

 255, 245, 255

 73, 34, 141

 44, 8, 115

 8, 0, 90

 0, 0, 65

 0, 3, 42

 0, 1, 20

■ 184, 134, 253

■ 184, 134, 253

■ 169, 109, 253

■ 199, 159, 253

■ 155, 83, 253

■ 213, 185, 253

■ 140, 58, 253

■ 228, 210, 253

■ 125, 33, 253

■ 243, 235, 253

■ 111, 7, 253

255, 255, 253

■ 106, 0, 253

Harmonies

Analogous

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



47, 159, 255



184, 134, 253



245, 108, 203

Triad

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



184, 134, 253



222, 140, 36



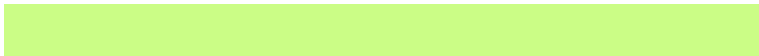
0, 187, 175

Complementary

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



184, 134, 253



203, 253, 134

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, 184, 113



184, 134, 253



172, 161, 11

Square

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



184, 134, 253



255, 114, 85



106, 176, 55



0, 185, 233

Rectangle

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



184, 134, 253



255, 98, 163



106, 176, 55



0, 186, 154

Sweetspot

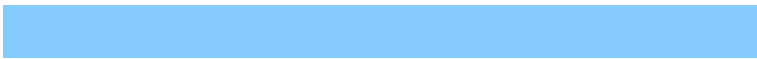
The Sweet Spot groups the original color and five complimentary colors.



184, 134, 253



234, 219, 255



134, 203, 253



115, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



184, 134, 253



172, 112, 255



243, 134, 253



120, 115, 128



80, 0, 191



27, 0, 64

Inverse Universe

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



253, 134, 203



255, 112, 195



144, 253, 134



128, 115, 122



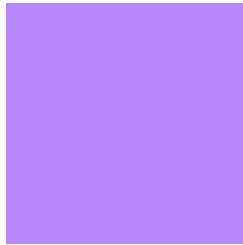
191, 0, 111



64, 0, 37

Previews

White Background



This preview shows how the RGB color 184, 134, 253 looks on a white background.

Color Contrast Check

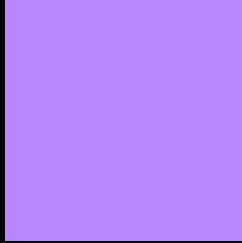
Large Text (above 18pt) WCAG AA × Fail

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 184, 134, 253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

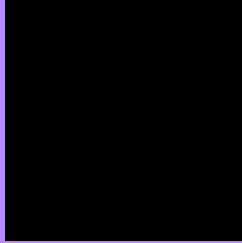
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RGB 184, 134, 253 Background



This preview shows how black text looks on a background with the RGB color 184, 134, 253.

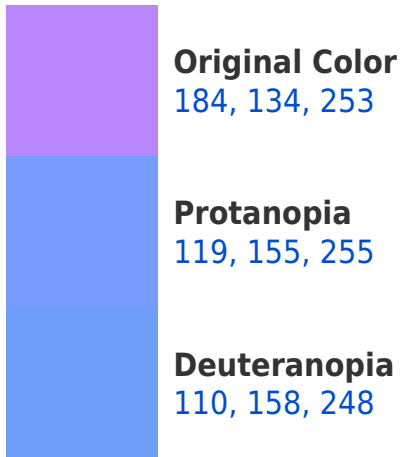



This preview shows how white text looks on a background with the RGB color 184, 134, 253.

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





Tritanopia
168, 154, 166

Trichromacy



Original Color

184, 134, 253



Protanomaly

143, 147, 254



Deuteranomaly

137, 149, 250



Tritanomaly

174, 147, 198

Monochromacy



Original Color

184, 134, 253



Achromatopsia

163, 163, 163



Achromatomaly

171, 152, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 184, 134, 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(184, 134, 253)` looks like.

```
.text, #text, p{  
    color:rgb(184, 134, 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(184, 134, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 134, 253) }
```

Border

The CSS property to change the border of an element to RGB 184, 134, 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(184, 134, 253) }
```

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

```
.border{ border-color:rgb(184, 134, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 134, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 134, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 134, 253);  
box-shadow:4px 4px 4px 4px rgb(184, 134,  
253) }
```

Background

The CSS property to change the background color of an element to RGB 184, 134, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 134, 253) }
```

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

```
.background{ background-color: rgb(184,  
134, 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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