

Converting Colors

RGB(190, 134, 255)

Have a look what the booklet for
RGB(190, 134, 255) contains.

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Color

RGB(190, 134, 255)

Conversions

Conversions Part 1

Format	Color
Hex	BE86FF
RGB	190, 134, 255
RGB Percent	75%, 53%, 100%
CMY	0.2549, 0.4745, 0.0000
CMYK	0.25, 0.47, 0.00, 0.00
HSL	268°, 100%, 76%
HSV	268°, 47%, 100%
XYZ	47.8103, 35.2173, 98.8855
YIQ	164.5380, -5.4650, 49.5030

Conversions

Conversions Part 2

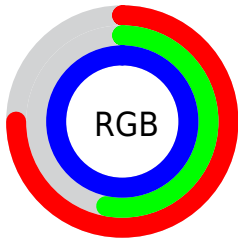
Format	Color
RYB	190, 134, 255
Decimal	12486399
CIELab	65.92, 44.55, -52.44
CIELCh	66, 68.815, 310.350
Yxy	35.2173, 0.2628, 0.1936
Android (android.graphics.Color)	4290676479 (0xFFBE86FF)
YUV	164.5380, 44.5978, 22.3302
Hunter-Lab	59.3442, 39.9551, -57.2542

Details

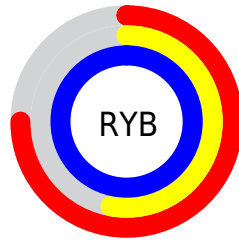
The RGB color **190, 134, 255** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **199, 255, 134**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **248, 188, 255**, and **134, 83, 198** is the 20% darker color. If you saturate the color by 10%, you get **176, 109, 255**, and if you desaturate by 10%, it is **204, 160, 255**.

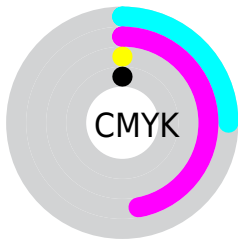
Distribution



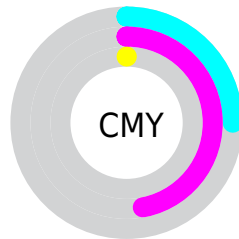
- Red (75%)
- Green (53%)
- Blue (100%)



- Red (75%)
- Yellow (53%)
- Blue (100%)



- Cyan (25%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 190, 134, 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 190, 134, 255 by changing the saturation by 10% instead.

 190, 134, 255

255, 255, 255

 248, 188, 255

 255, 216, 255

 255, 245, 255


 190, 134, 255


 162, 108, 226

 134, 83, 198

 106, 58, 170


 79, 33, 143


 51, 5, 117


 19, 0, 91


 0, 0, 67

 0, 3, 44


 0, 1, 22

 190, 134, 255


 190, 134, 255


 176, 109, 255


 204, 160, 255

 163, 83, 255

 217, 185, 255

 149, 58, 255


 231, 211, 255

 135, 32, 255

 245, 236, 255

 122, 7, 255

255, 255, 255

 118, 0, 255

Harmonies

Analogous

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



58, 160, 255



190, 134, 255



250, 107, 203

Triad

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



190, 134, 255



223, 142, 33



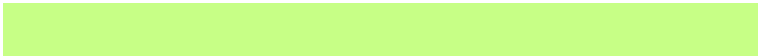
0, 189, 181

Complementary

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



190, 134, 255



199, 255, 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, 186, 116



190, 134, 255



171, 164, 7

Square

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



190, 134, 255



255, 116, 83



103, 179, 57



0, 187, 239

Rectangle

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



190, 134, 255



255, 98, 162



103, 179, 57



0, 189, 159

Sweetspot

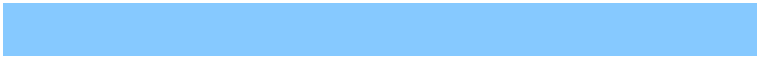
The Sweet Spot groups the original color and five complimentary colors.



190, 134, 255



236, 219, 255



134, 201, 255



116, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



190, 134, 255



177, 110, 255



249, 134, 255



121, 115, 128



89, 0, 191



30, 0, 64

Inverse Universe

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



255, 134, 199



255, 110, 188



140, 255, 134



128, 115, 122



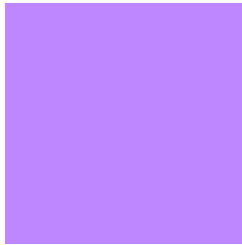
191, 0, 103



64, 0, 34

Previews

White Background



This preview shows how the RGB color 190, 134, 255 looks on a white background.

Color Contrast Check

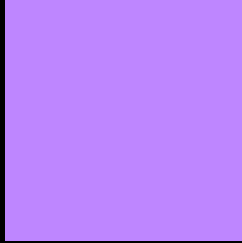
Large Text (above 18pt) WCAG AA × Fail

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 190, 134, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

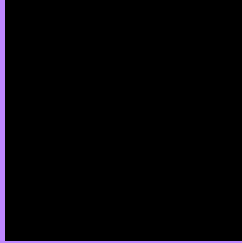
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RGB 190, 134, 255 Background



This preview shows how black text looks on a background with the RGB color 190, 134, 255.

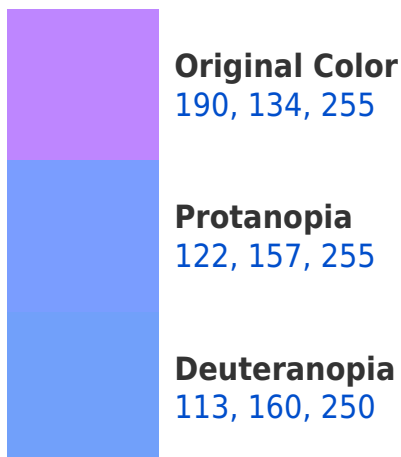


This preview shows how white text looks on a background with the RGB color 190, 134, 255.

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





Tritanopia

174, 155, 167

Trichromacy



Original Color

190, 134, 255



Protanomaly

147, 149, 255



Deuteranomaly

141, 151, 252



Tritanomaly

180, 147, 199

Monochromacy



Original Color

190, 134, 255



Achromatopsia

165, 165, 165



Achromatomaly

174, 154, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 190, 134, 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(190, 134, 255)` looks like.

```
.text, #text, p{  
    color:rgb(190, 134, 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(190, 134, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 134, 255) }
```

Border

The CSS property to change the border of an element to RGB 190, 134, 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(190, 134, 255) }
```

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

```
.border{ border-color:rgb(190, 134, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 134, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 134, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 134, 255);  
box-shadow:4px 4px 4px 4px rgb(190, 134,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 190, 134, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 134, 255) }
```

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

```
.background{ background-color: rgb(190,  
134, 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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