

Converting Colors

RGB(188, 107, 255)

Have a look what the booklet for
RGB(188, 107, 255) contains.

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Color

RGB(188, 107, 255)

Conversions

Conversions Part 1

Format	Color
Hex	BC6BFF
RGB	188, 107, 255
RGB Percent	74%, 42%, 100%
CMY	0.2627, 0.5804, 0.0000
CMYK	0.26, 0.58, 0.00, 0.00
HSL	273°, 100%, 71%
HSV	273°, 58%, 100%
XYZ	44.0467, 28.4268, 97.7731
YIQ	148.0910, 0.7680, 63.2000

Conversions

Conversions Part 2

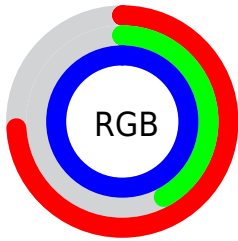
Format	Color
R_{YB}	188, 107, 255
Decimal	12348415
CIE _{Lab}	60.27, 58.17, -61.45
CIE _{LCh}	60, 84.612, 313.428
Yxy	28.4268, 0.2587, 0.1670
Android (android.graphics.Color)	4290538495 (0xFFBC6BFF)
YUV	148.0910, 52.7061, 35.0002
Hunter-Lab	53.3167, 54.1605, -71.4053

Details

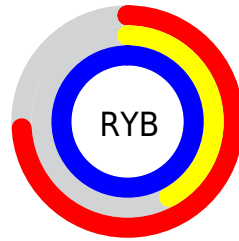
The RGB color **188, 107, 255** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **174, 255, 107**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **247, 161, 255**, and **130, 54, 197** is the 20% darker color. If you saturate the color by 10%, you get **176, 82, 255**, and if you desaturate by 10%, it is **200, 133, 255**.

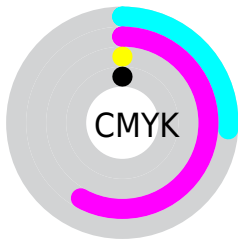
Distribution



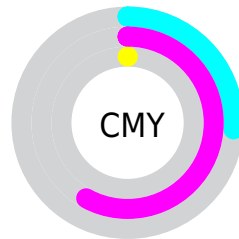
- Red (74%)
- Green (42%)
- Blue (100%)



- Red (74%)
- Yellow (42%)
- Blue (100%)



- Cyan (26%)
- Magenta (58%)
- Yellow (0%)
- Black (0%)




- Cyan (26%)
- Magenta (58%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 188, 107, 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 188, 107, 255 by changing the saturation by 10% instead.

 188, 107, 255

 188, 107, 255


255, 255, 255

 159, 80, 226

 247, 161, 255

 130, 54, 197

 255, 189, 255


 102, 24, 170

 255, 218, 255

 73, 0, 142

 255, 247, 255

 43, 0, 116

 10, 0, 91


 0, 0, 66


 0, 3, 43

 0, 1, 21


 188, 107, 255


 188, 107, 255

 176, 82, 255

 200, 133, 255

 165, 56, 255

 211, 158, 255

 153, 31, 255

 223, 184, 255

 142, 5, 255

 234, 209, 255

 140, 0, 255

 246, 235, 255

255, 255, 255

Harmonies

Analogous

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



0, 144, 255



188, 107, 255



255, 61, 190

Triad

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



188, 107, 255



209, 126, 0



0, 178, 178

Complementary

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



188, 107, 255



174, 255, 107

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, 175, 100



188, 107, 255



145, 153, 0

Square

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



188, 107, 255



255, 88, 43



47, 168, 0



0, 175, 247

Rectangle

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



188, 107, 255



255, 44, 140



47, 168, 0



0, 177, 152

Sweetspot

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



188, 107, 255



235, 212, 255



107, 176, 255



116, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



188, 107, 255



174, 77, 255



255, 107, 250



122, 115, 128



105, 0, 191



35, 0, 64

Inverse Universe

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



255, 107, 174



255, 77, 157



107, 255, 112



128, 115, 121



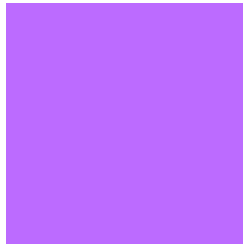
191, 0, 87



64, 0, 29

Previews

White Background



This preview shows how the RGB color 188, 107, 255 looks on a white background.

Color Contrast Check

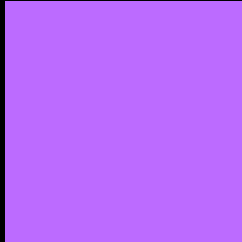
Large Text (above 18pt) WCAG AA ✓ Pass

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 188, 107, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

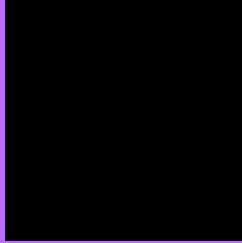
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RGB 188, 107, 255 Background



This preview shows how black text looks on a background with the RGB color 188, 107, 255.

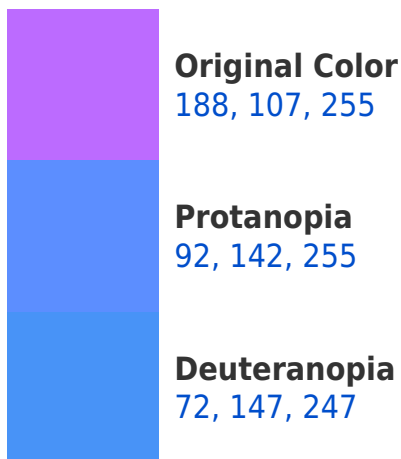



This preview shows how white text looks on a background with the RGB color 188, 107, 255.

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
169, 136, 147

Trichromacy



Original Color

188, 107, 255



Protanomaly

127, 129, 255



Deuteranomaly

114, 132, 250



Tritanomaly

176, 125, 186

Monochromacy



Original Color

188, 107, 255



Achromatopsia

148, 148, 148



Achromatomaly

163, 133, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 188, 107, 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(188, 107, 255)` looks like.

```
.text, #text, p{  
    color:rgb(188, 107, 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(188, 107, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 107, 255) }
```

Border

The CSS property to change the border of an element to RGB 188, 107, 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(188, 107, 255) }
```

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

```
.border{ border-color:rgb(188, 107, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 107, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 107, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 107, 255);  
box-shadow:4px 4px 4px 4px rgb(188, 107,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 188, 107, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 107, 255) }
```

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

```
.background{ background-color: rgb(188,  
107, 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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