

Converting Colors

RGB(181, 107, 213)

Have a look what the booklet for
RGB(181, 107, 213) contains.

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Color

RGB(181, 107, 213)

Conversions

Conversions Part 1

Format	Color
Hex	B56BD5
RGB	181, 107, 213
RGB Percent	71%, 42%, 84%
CMY	0.2902, 0.5804, 0.1647
CMYK	0.15, 0.50, 0.00, 0.16
HSL	282°, 56%, 63%
HSV	282°, 50%, 84%
XYZ	36.3240, 25.1432, 65.8894
YIQ	141.2100, 10.0780, 48.6540

Conversions

Conversions Part 2

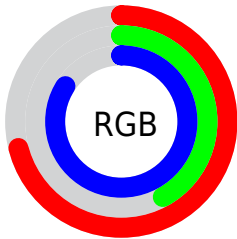
Format	Color
RYB	181, 107, 213
Decimal	11889621
CIELab	57.21, 47.26, -42.93
CIELCh	57, 63.854, 317.749
Yxy	25.1432, 0.2852, 0.1974
Android (android.graphics.Color)	4290079701 (0xFFB56BD5)
YUV	141.2100, 35.3925, 34.8958
Hunter-Lab	50.1430, 41.5564, -42.8087

Details

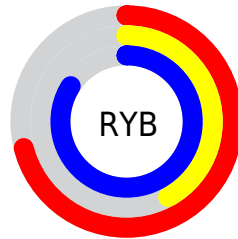
The RGB color **181, 107, 213** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **139, 213, 107**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **239, 160, 255**, and **126, 56, 158** is the 20% darker color. If you saturate the color by 10%, you get **175, 86, 213**, and if you desaturate by 10%, it is **187, 128, 213**.

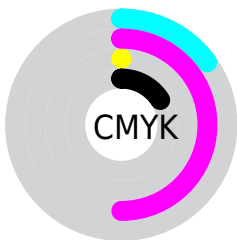
Distribution



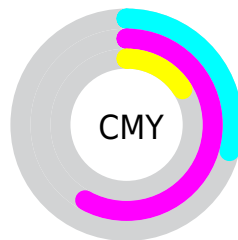
- Red (71%)
- Green (42%)
- Blue (84%)



- Red (71%)
- Yellow (42%)
- Blue (84%)



- Cyan (15%)
- Magenta (50%)
- Yellow (0%)
- Black (16%)




- Cyan (29%)
- Magenta (58%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 107, 213 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 181, 107, 213 by changing the saturation by 10% instead.

 181, 107, 213


255, 255, 255

 239, 160, 255

 255, 188, 255

 255, 217, 255

 255, 245, 255

 181, 107, 213

 153, 81, 185

 126, 56, 158

 99, 29, 131

 73, 0, 106


 46, 0, 81


 23, 0, 57

 0, 2, 34

 0, 0, 9


 0, 0, 0

 181, 107, 213

 181, 107, 213


 175, 86, 213


 187, 128, 213

 168, 64, 213

 194, 150, 213

 162, 43, 213

 200, 171, 213

 155, 22, 213

 207, 192, 213

 149, 1, 213

 213, 213, 213

 149, 0, 213

 220, 235, 213

 226, 255, 213

 232, 255, 213

 239, 255, 213

Harmonies

Analogous

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



87, 132, 244



181, 107, 213



226, 84, 163

Triad

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



181, 107, 213



183, 127, 4



0, 163, 170

Complementary

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



181, 107, 213



139, 213, 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, 162, 112



181, 107, 213



133, 145, 0

Square

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



181, 107, 213



220, 103, 56



63, 156, 56



0, 160, 219

Rectangle

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



181, 107, 213



237, 80, 125



63, 156, 56



0, 163, 151

Sweetspot

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



181, 107, 213



243, 217, 255



107, 141, 213



121, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



181, 107, 213



209, 102, 255



213, 107, 194



104, 96, 107



119, 0, 171



30, 0, 43

Inverse Universe

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



213, 107, 139



255, 102, 148



107, 213, 126



107, 96, 100



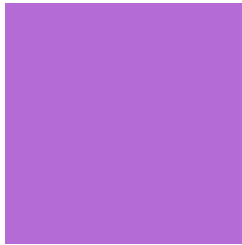
171, 0, 52



43, 0, 13

Previews

White Background



This preview shows how the RGB color 181, 107, 213 looks on a white background.

Color Contrast Check

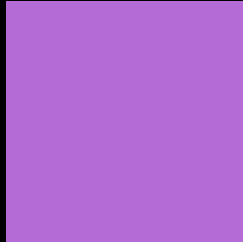
Large Text (above 18pt) WCAG AA ✓ Pass

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 181, 107, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

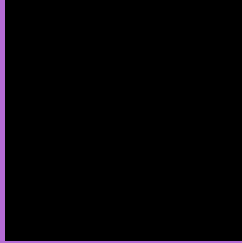
Any Text WCAG AA ✓ Pass

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 181, 107, 213 Background



This preview shows how black text looks on a background with the RGB color 181, 107, 213.

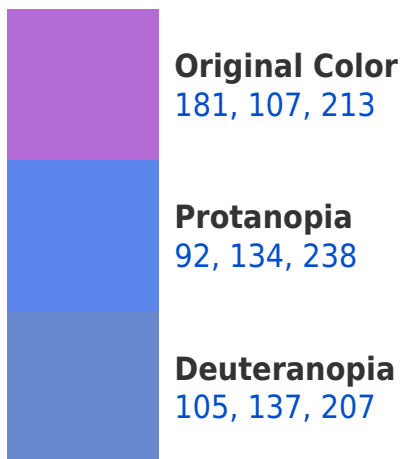


This preview shows how white text looks on a background with the RGB color 181, 107, 213.

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, 126, 135

Trichromacy



Original Color

181, 107, 213



Protanomaly

124, 124, 229



Deuteranomaly

133, 126, 209



Tritanomaly

173, 119, 163

Monochromacy



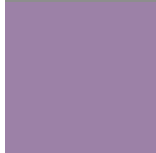
Original Color

181, 107, 213



Achromatopsia

141, 141, 141



Achromatomaly

156, 129, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 107, 213 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(181, 107, 213)` looks like.

```
.text, #text, p{  
    color:rgb(181, 107, 213)  
}
```

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(181, 107, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 107, 213) }
```

Border

The CSS property to change the border of an element to RGB 181, 107, 213 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(181, 107, 213) }
```

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

```
.border{ border-color:rgb(181, 107, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 107, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 107, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 107, 213);  
box-shadow:4px 4px 4px 4px rgb(181, 107,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 181, 107, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 107, 213) }
```

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

```
.background{ background-color: rgb(181,  
107, 213) }
```

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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