

Converting Colors

RGB(183, 96, 214)

Have a look what the booklet for
RGB(183, 96, 214) contains.

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Color

RGB(183, 96, 214)

Conversions

Conversions Part 1

Format	Color
Hex	B760D6
RGB	183, 96, 214
RGB Percent	72%, 38%, 84%
CMY	0.2824, 0.6235, 0.1608
CMYK	0.14, 0.55, 0.00, 0.16
HSL	284°, 59%, 61%
HSV	284°, 55%, 84%
XYZ	35.8489, 23.2881, 66.2239
YIQ	135.4650, 13.9740, 55.1420

Conversions

Conversions Part 2

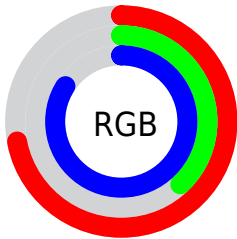
Format	Color
R _{YB}	183, 96, 214
Decimal	12017878
CIE _{Lab}	55.37, 53.64, -46.40
CIE _{LCh}	55, 70.925, 319.135
Yxy	23.2881, 0.2860, 0.1858
Android (android.graphics.Color)	4290207958 (0xFFB760D6)
YUV	135.4650, 38.7178, 41.6882
Hunter-Lab	48.2577, 48.1502, -47.5831

Details

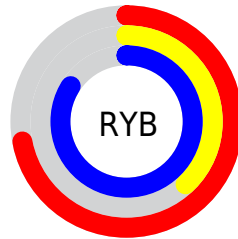
The RGB color **183, 96, 214** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **127, 214, 96**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **241, 150, 255**, and **127, 42, 159** is the 20% darker color. If you saturate the color by 10%, you get **177, 75, 214**, and if you desaturate by 10%, it is **189, 117, 214**.

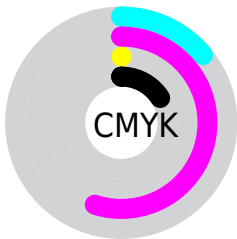
Distribution



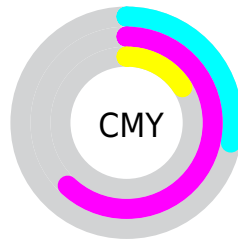
- Red (72%)
- Green (38%)
- Blue (84%)



- Red (72%)
- Yellow (38%)
- Blue (84%)



- Cyan (14%)
- Magenta (55%)
- Yellow (0%)
- Black (16%)



















- Cyan (28%)
- Magenta (62%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 183, 96, 214 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 183, 96, 214 by changing the saturation by 10% instead.

 183, 96, 214	 183, 96, 214
 255, 255, 255	 155, 70, 186
 241, 150, 255	 127, 42, 159
 255, 178, 255	 100, 8, 132
 255, 206, 255	 73, 0, 106
 255, 235, 255	 47, 0, 81
	 20, 0, 58
	 0, 2, 35
	 0, 0, 10
	 0, 0, 0

 183, 96, 214


 183, 96, 214


 177, 75, 214


 189, 117, 214


 172, 53, 214

 194, 139, 214

 166, 32, 214

 200, 160, 214

 161, 10, 214

 205, 182, 214

 158, 0, 214

 211, 203, 214

 217, 224, 214

 222, 246, 214

 228, 255, 214

 234, 255, 214

Harmonies

Analogous

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



74, 126, 250



183, 96, 214



230, 67, 158

Triad

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



183, 96, 214



178, 122, 0



0, 160, 171

Complementary

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



183, 96, 214



127, 214, 96

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, 159, 107



183, 96, 214



123, 141, 0

Square

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



183, 96, 214



220, 94, 38



33, 153, 43



0, 157, 225

Rectangle

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



183, 96, 214



240, 62, 117



33, 153, 43



0, 160, 150

Sweetspot

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



183, 96, 214



244, 212, 255



96, 127, 214



121, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



183, 96, 214



211, 87, 255



214, 96, 186



104, 96, 107



126, 0, 171



32, 0, 43

Inverse Universe

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



214, 96, 127



255, 87, 131



96, 214, 124



107, 96, 99



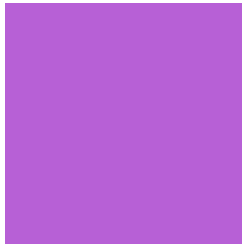
171, 0, 45



43, 0, 11

Previews

White Background



This preview shows how the RGB color 183, 96, 214 looks on a white background.

Color Contrast Check

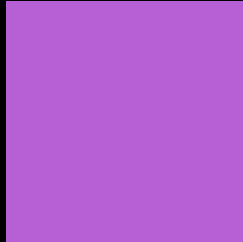
Large Text (above 18pt) WCAG AA ✓ Pass

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 183, 96, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

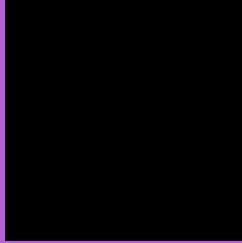
Any Text WCAG AA ✓ Pass

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 183, 96, 214 Background



This preview shows how black text looks on a background with the RGB color 183, 96, 214.

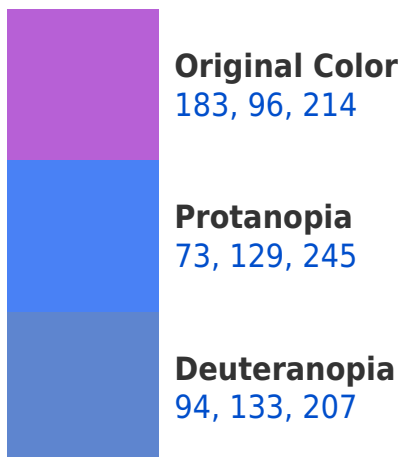



This preview shows how white text looks on a background with the RGB color 183, 96, 214.

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
170, 119, 128

Trichromacy



Original Color
183, 96, 214



Protanomaly
113, 117, 234



Deuteranomaly
126, 120, 210



Tritanomaly
175, 111, 159

Monochromacy



Original Color
183, 96, 214



Achromatopsia
135, 135, 135



Achromatomaly
152, 121, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 183, 96, 214 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(183, 96, 214)` looks like.

```
.text, #text, p{  
    color:rgb(183, 96, 214)  
}
```

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(183, 96, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 96, 214) }
```

Border

The CSS property to change the border of an element to RGB 183, 96, 214 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(183, 96, 214) }
```

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

```
.border{ border-color:rgb(183, 96, 214) }
```

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

Here you see how a box with a 4 pixel rgb(183, 96, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 96, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 96, 214);  
box-shadow:4px 4px 4px 4px rgb(183, 96,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 183, 96, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 96, 214) }
```

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

```
.background{ background-color: rgb(183, 96,  
214) }
```

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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