

Converting Colors

RGB(184, 90, 216)

Have a look what the booklet for
RGB(184, 90, 216) contains.

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Color

RGB(184, 90, 216)

Conversions

Conversions Part 1

Format	Color
Hex	B85AD8
RGB	184, 90, 216
RGB Percent	72%, 35%, 85%
CMY	0.2784, 0.6471, 0.1529
CMYK	0.15, 0.58, 0.00, 0.15
HSL	285°, 62%, 60%
HSV	285°, 58%, 85%
XYZ	35.8180, 22.4605, 67.4132
YIQ	132.4700, 15.5780, 59.1140

Conversions

Conversions Part 2

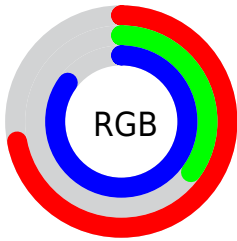
Format	Color
RYB	184, 90, 216
Decimal	12081880
CIELab	54.51, 57.22, -48.89
CIELCh	55, 75.261, 319.490
Yxy	22.4605, 0.2850, 0.1787
Android (android.graphics.Color)	4290271960 (0xFFB85AD8)
YUV	132.4700, 41.1803, 45.1918
Hunter-Lab	47.3926, 51.9684, -51.1619

Details

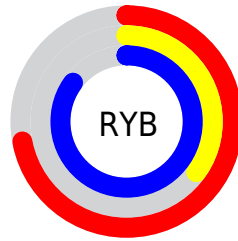
The RGB color **184, 90, 216** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **122, 216, 90**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **242, 144, 255**, and **128, 34, 160** is the 20% darker color. If you saturate the color by 10%, you get **179, 68, 216**, and if you desaturate by 10%, it is **189, 112, 216**.

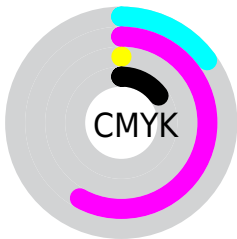
Distribution



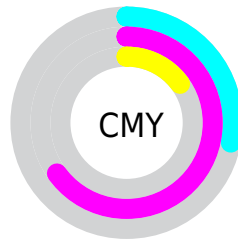
- Red (72%)
- Green (35%)
- Blue (85%)



- Red (72%)
- Yellow (35%)
- Blue (85%)



- Cyan (15%)
- Magenta (58%)
- Yellow (0%)
- Black (15%)



















- Cyan (28%)
- Magenta (65%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 184, 90, 216 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, 90, 216 by changing the saturation by 10% instead.

 184, 90, 216	 184, 90, 216
 255, 255, 255	 156, 63, 188
 242, 144, 255	 128, 34, 160
 255, 172, 255	 100, 0, 134
 255, 200, 255	 73, 0, 108
 255, 229, 255	 46, 0, 83
	 18, 0, 59
	 0, 2, 36
	 0, 0, 12
	 0, 0, 0

 184, 90, 216

 184, 90, 216


 179, 68, 216

 189, 112, 216

 173, 47, 216

 195, 133, 216


 168, 25, 216

 200, 155, 216

 162, 4, 216

 206, 176, 216

 161, 0, 216

 211, 198, 216

 217, 220, 216

 222, 241, 216

 228, 255, 216

 233, 255, 216

Harmonies

Analogous

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



62, 123, 255



184, 90, 216



233, 55, 156

Triad

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



184, 90, 216



177, 119, 0



0, 159, 172

Complementary

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



184, 90, 216



122, 216, 90

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, 157, 104



184, 90, 216



118, 140, 0

Square

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



184, 90, 216



220, 89, 27



0, 152, 34



0, 156, 229

Rectangle

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



184, 90, 216



243, 49, 113



0, 152, 34



0, 159, 150

Sweetspot

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



184, 90, 216



243, 209, 255



90, 124, 216



120, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



184, 90, 216



210, 77, 255



216, 90, 187



104, 96, 107



127, 0, 171



32, 0, 43

Inverse Universe

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



216, 90, 122



255, 77, 122



90, 216, 119



107, 96, 99



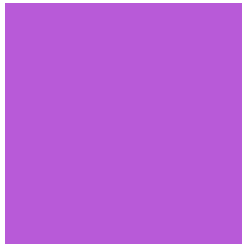
171, 0, 43



43, 0, 11

Previews

White Background



This preview shows how the RGB color 184, 90, 216 looks on a white background.

Color Contrast Check

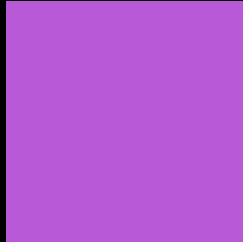
Large Text (above 18pt) WCAG AA ✓ Pass

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 184, 90, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

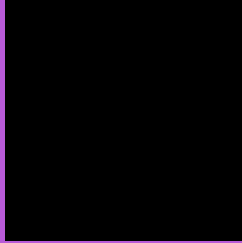
Any Text WCAG AA ✓ Pass

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 184, 90, 216 Background



This preview shows how black text looks on a background with the RGB color 184, 90, 216.

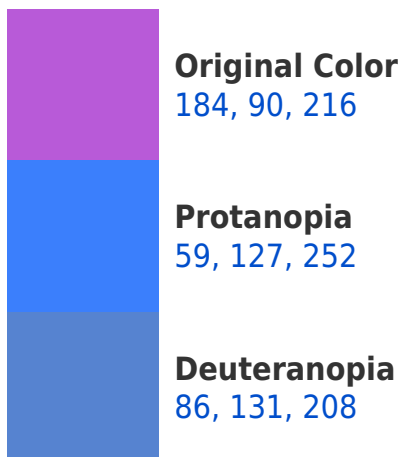



This preview shows how white text looks on a background with the RGB color 184, 90, 216.

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
171, 115, 124

Trichromacy



Original Color
184, 90, 216



Protanomaly
104, 114, 239



Deuteranomaly
122, 116, 211



Tritanomaly
176, 106, 157

Monochromacy



Original Color
184, 90, 216



Achromatopsia
132, 132, 132



Achromatomaly
151, 117, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 184, 90, 216 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, 90, 216)` looks like.

```
.text, #text, p{  
    color:rgb(184, 90, 216)  
}
```

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, 90, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 90, 216) }
```

Border

The CSS property to change the border of an element to RGB 184, 90, 216 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, 90, 216) }
```

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

```
.border{ border-color:rgb(184, 90, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 90, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 90, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 90, 216);  
box-shadow:4px 4px 4px 4px rgb(184, 90,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 184, 90, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 90, 216) }
```

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

```
.background{ background-color: rgb(184, 90,  
216) }
```

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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