

Converting Colors

RGB(186, 108, 235)

Have a look what the booklet for
RGB(186, 108, 235) contains.

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Color

RGB(186, 108, 235)

Conversions

Conversions Part 1

Format	Color
Hex	BA6CEB
RGB	186, 108, 235
RGB Percent	73%, 42%, 92%
CMY	0.2706, 0.5765, 0.0784
CMYK	0.21, 0.54, 0.00, 0.08
HSL	277°, 76%, 67%
HSV	277°, 54%, 92%
XYZ	40.6077, 27.1624, 81.6999
YIQ	145.8000, 5.7210, 56.0330

Conversions

Conversions Part 2

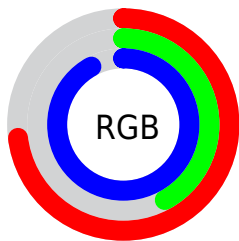
Format	Color
R _Y B	186, 108, 235
Decimal	12217579
CIE Lab	59.12, 52.77, -52.22
CIE LCh	59, 74.237, 315.303
Yxy	27.1624, 0.2717, 0.1817
Android (android.graphics.Color)	4290407659 (0xFFBA6CEB)
YUV	145.8000, 43.9756, 35.2554
Hunter-Lab	52.1175, 47.8735, -56.4612

Details

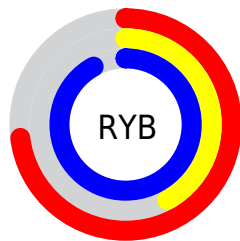
The RGB color **186, 108, 235** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **157, 235, 108**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **244, 162, 255**, and **130, 56, 178** is the 20% darker color. If you saturate the color by 10%, you get **177, 85, 235**, and if you desaturate by 10%, it is **195, 132, 235**.

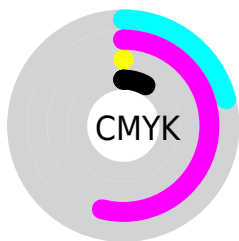
Distribution



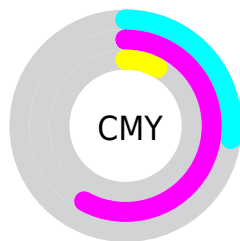
- Red (73%)
- Green (42%)
- Blue (92%)



- Red (73%)
- Yellow (42%)
- Blue (92%)



- Cyan (21%)
- Magenta (54%)
- Yellow (0%)
- Black (8%)



- Cyan (27%)
- Magenta (58%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 108, 235 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 186, 108, 235 by changing the saturation by 10% instead.

 186, 108, 235


255, 255, 255

 244, 162, 255

 255, 190, 255


 255, 218, 255

 255, 247, 255

 186, 108, 235

 158, 82, 206

 130, 56, 178

 102, 28, 151

 75, 0, 125

 47, 0, 99

 22, 0, 75

 0, 0, 51

 0, 2, 29

 0, 0, 0

■ 186, 108, 235

■ 186, 108, 235

■ 177, 85, 235

■ 195, 132, 235

■ 168, 61, 235

■ 204, 155, 235

■ 159, 37, 235

■ 213, 179, 235

■ 150, 14, 235

■ 222, 202, 235

■ 144, 0, 235

■ 231, 226, 235

■ 240, 249, 235

■ 249, 255, 235

■ 255, 255, 235

Harmonies

Analogous

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



47, 139, 255



186, 108, 235



242, 76, 177

Triad

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



186, 108, 235



197, 128, 0



0, 172, 175

Complementary

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



186, 108, 235



157, 235, 108

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, 169, 107



186, 108, 235



140, 150, 0

Square

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



186, 108, 235



239, 97, 50



58, 163, 38



0, 169, 234

Rectangle

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



186, 108, 235



255, 67, 134



58, 163, 38



0, 171, 152

Sweetspot

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



186, 108, 235



239, 214, 255



108, 159, 235



118, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



186, 108, 235



191, 89, 255



235, 108, 222



113, 106, 117



111, 0, 181



33, 0, 54

Inverse Universe

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



235, 108, 157



255, 89, 153



108, 235, 121



117, 106, 110



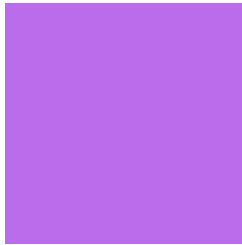
181, 0, 70



54, 0, 21

Previews

White Background



This preview shows how the RGB color 186, 108, 235 looks on a white background.

Color Contrast Check

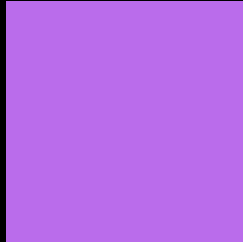
Large Text (above 18pt) WCAG AA ✓ Pass

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 186, 108, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

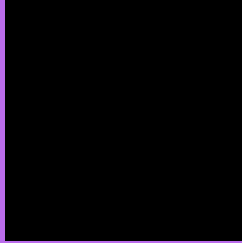
Any Text WCAG AA ✓ Pass

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 186, 108, 235 Background



This preview shows how black text looks on a background with the RGB color 186, 108, 235.

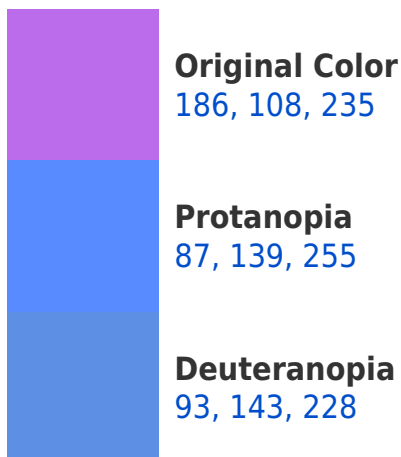



This preview shows how white text looks on a background with the RGB color 186, 108, 235.

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, 132, 142

Trichromacy



Original Color

186, 108, 235



Protanomaly

123, 128, 248



Deuteranomaly

127, 130, 231



Tritanomaly

176, 123, 176

Monochromacy



Original Color

186, 108, 235



Achromatopsia

146, 146, 146



Achromatomaly

161, 132, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 108, 235 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(186, 108, 235)` looks like.

```
.text, #text, p{  
    color:rgb(186, 108, 235)  
}
```

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(186, 108, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 108, 235) }
```

Border

The CSS property to change the border of an element to RGB 186, 108, 235 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(186, 108, 235) }
```

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

```
.border{ border-color:rgb(186, 108, 235) }
```

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

Here you see how a box with a 4 pixel rgb(186, 108, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 108, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 108, 235);  
box-shadow:4px 4px 4px 4px rgb(186, 108,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 186, 108, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 108, 235) }
```

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

```
.background{ background-color: rgb(186,  
108, 235) }
```

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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