

Converting Colors

RGB(186, 97, 212)

Have a look what the booklet for
RGB(186, 97, 212) contains.

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Color

RGB(186, 97, 212)

Conversions

Conversions Part 1

Format	Color
Hex	BA61D4
RGB	186, 97, 212
RGB Percent	73%, 38%, 83%
CMY	0.2706, 0.6196, 0.1686
CMYK	0.12, 0.54, 0.00, 0.17
HSL	286°, 57%, 61%
HSV	286°, 54%, 83%
XYZ	36.4081, 23.7420, 64.9511
YIQ	136.7210, 16.1290, 54.6330

Conversions

Conversions Part 2

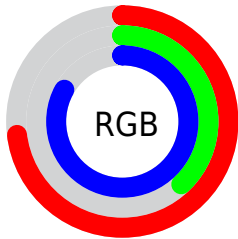
Format	Color
RYB	186, 97, 212
Decimal	12214740
CIELab	55.83, 53.52, -44.52
CIElCh	56, 69.614, 320.246
Yxy	23.7420, 0.2910, 0.1898
Android (android.graphics.Color)	4290404820 (0xFFBA61D4)
YUV	136.7210, 37.1125, 43.2177
Hunter-Lab	48.7257, 48.1059, -44.9252

Details

The RGB color **186, 97, 212** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **123, 212, 97**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **244, 151, 255**, and **130, 43, 157** is the 20% darker color. If you saturate the color by 10%, you get **181, 76, 212**, and if you desaturate by 10%, it is **191, 118, 212**.

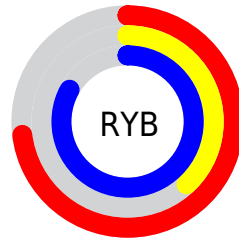
Distribution



Red (73%)

Green (38%)

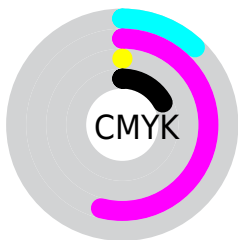
Blue (83%)



Red (73%)

Yellow (38%)

Blue (83%)

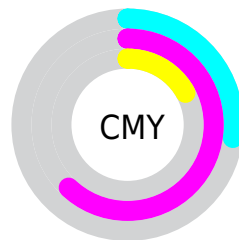


Cyan (12%)

Magenta (54%)

Yellow (0%)

Black (17%)



Cyan (27%)

















Magenta (62%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the RGB color 186, 97, 212 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, 97, 212 by changing the saturation by 10% instead.

 186, 97, 212	 186, 97, 212
 255, 255, 255	 158, 70, 184
 244, 151, 255	 130, 43, 157
 255, 179, 255	 103, 9, 130
 255, 207, 255	 76, 0, 105
 255, 236, 255	 50, 0, 80
	 25, 0, 56
	 0, 2, 33
	 0, 0, 7
	 0, 0, 0


 186, 97, 212

 186, 97, 212


 181, 76, 212

 191, 118, 212

 176, 55, 212

 196, 139, 212

 172, 33, 212

 200, 161, 212

 167, 12, 212

 205, 182, 212

 164, 0, 212

 210, 203, 212

 215, 224, 212

 220, 245, 212

 224, 255, 212

 229, 255, 212

Harmonies

Analogous

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



85, 126, 248



186, 97, 212



231, 70, 156

Triad

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



186, 97, 212



177, 124, 0



0, 161, 174

Complementary

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



186, 97, 212



123, 212, 97

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, 160, 111



186, 97, 212



122, 143, 0

Square

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



186, 97, 212



219, 97, 39



33, 154, 49



0, 158, 226

Rectangle

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



186, 97, 212



240, 66, 116



33, 154, 49



0, 161, 154

Sweetspot

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



186, 97, 212



246, 214, 255



97, 124, 212



122, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



186, 97, 212



218, 89, 255



212, 97, 181



105, 96, 107



132, 0, 171



34, 0, 43

Inverse Universe

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



212, 97, 123



255, 89, 127



97, 212, 128



107, 96, 99



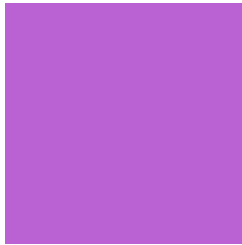
171, 0, 39



43, 0, 10

Previews

White Background



This preview shows how the RGB color 186, 97, 212 looks on a white background.

Color Contrast Check

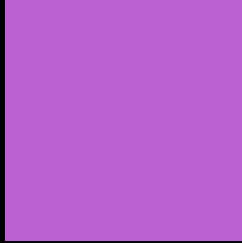
Large Text (above 18pt) WCAG AA ✓ Pass

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, 97, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

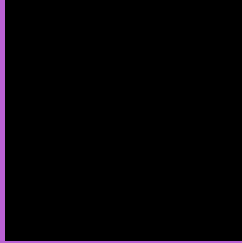
Any Text WCAG AA ✓ Pass

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, 97, 212 Background



This preview shows how black text looks on a background with the RGB color 186, 97, 212.

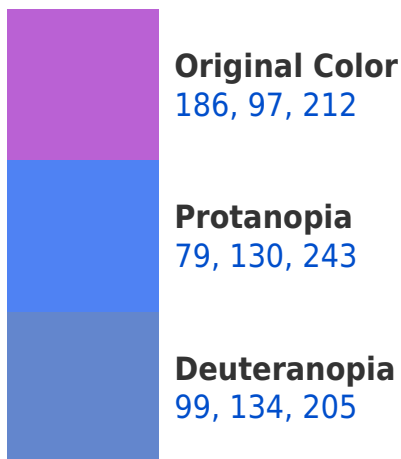



This preview shows how white text looks on a background with the RGB color 186, 97, 212.

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

174, 119, 128

Trichromacy



Original Color
186, 97, 212



Protanomaly
118, 118, 232



Deuteranomaly
131, 121, 208



Tritanomaly
178, 111, 159

Monochromacy



Original Color
186, 97, 212



Achromatopsia
137, 137, 137



Achromatomaly
155, 122, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 97, 212 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, 97, 212)` looks like.

```
.text, #text, p{  
    color:rgb(186, 97, 212)  
}
```

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, 97, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 97, 212) }
```

Border

The CSS property to change the border of an element to RGB 186, 97, 212 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, 97, 212) }
```

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

```
.border{ border-color:rgb(186, 97, 212) }
```

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

Here you see how a box with a 4 pixel rgb(186, 97, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 97, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 97, 212);  
box-shadow:4px 4px 4px 4px rgb(186, 97,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 186, 97, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 97, 212) }
```

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

```
.background{ background-color: rgb(186, 97,  
212) }
```

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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