

Converting Colors

RGB(187, 76, 212)

Have a look what the booklet for
RGB(187, 76, 212) contains.

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Color

RGB(187, 76, 212)

Conversions

Conversions Part 1

Format	Color
Hex	BB4CD4
RGB	187, 76, 212
RGB Percent	73%, 30%, 83%
CMY	0.2667, 0.7020, 0.1686
CMYK	0.12, 0.64, 0.00, 0.17
HSL	289°, 61%, 56%
HSV	289°, 64%, 83%
XYZ	34.9616, 20.4871, 64.3991
YIQ	124.6930, 22.5000, 65.8280

Conversions

Conversions Part 2

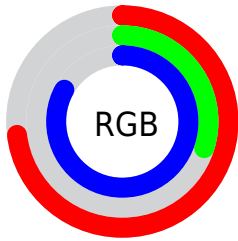
Format	Color
R _{YB}	187, 76, 212
Decimal	12274900
CIE _{Lab}	52.38, 63.49, -49.98
CIE _{LCh}	52, 80.805, 321.792
Yxy	20.4871, 0.2917, 0.1709
Android (android.graphics.Color)	4290464980 (0xFFBB4CD4)
YUV	124.6930, 43.0424, 54.6432
Hunter-Lab	45.2627, 58.6664, -52.6730

Details

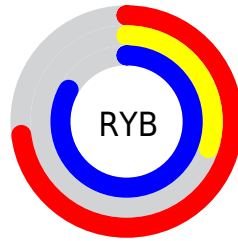
The RGB color **187, 76, 212** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted purple. A complement of this color would be **101, 212, 76**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **246, 132, 255**, and **130, 4, 157** is the 20% darker color. If you saturate the color by 10%, you get **183, 55, 212**, and if you desaturate by 10%, it is **191, 97, 212**.

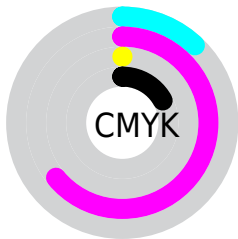
Distribution



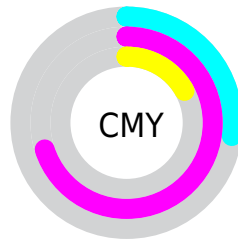
- Red (73%)
- Green (30%)
- Blue (83%)



- Red (73%)
- Yellow (30%)
- Blue (83%)



- Cyan (12%)
- Magenta (64%)
- Yellow (0%)
- Black (17%)




















- Cyan (27%)
- Magenta (70%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 76, 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 187, 76, 212 by changing the saturation by 10% instead.

 187, 76, 212	 187, 76, 212
 255, 255, 255	 158, 47, 184
 246, 132, 255	 130, 4, 157
 255, 160, 255	 102, 0, 130
 255, 188, 255	 75, 0, 104
 255, 217, 255	 49, 0, 79
 255, 247, 255	 18, 0, 56
	 0, 2, 33
	 0, 0, 6
	 0, 0, 0

■ 187, 76, 212

■ 187, 76, 212

■ 183, 55, 212

■ 191, 97, 212

■ 179, 34, 212

■ 195, 118, 212

■ 175, 12, 212

■ 199, 140, 212

■ 173, 0, 212

■ 203, 161, 212

■ 206, 182, 212

■ 210, 203, 212

■ 214, 224, 212

■ 218, 246, 212

■ 222, 255, 212

Harmonies

Analogous

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



58, 115, 255



187, 76, 212



235, 24, 147

Triad

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



187, 76, 212



168, 115, 0



0, 154, 175

Complementary

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



187, 76, 212



101, 212, 76

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, 153, 103



187, 76, 212



103, 136, 0

Square

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



187, 76, 212



216, 82, 0



0, 148, 23



0, 151, 234

Rectangle

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



187, 76, 212



244, 16, 101



0, 148, 23



0, 154, 152

Sweetspot

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



187, 76, 212



246, 207, 255



76, 103, 212



122, 98, 128



0, 0, 0



128, 128, 128

Same Dimension

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



187, 76, 212



219, 59, 255



212, 76, 171



105, 96, 107



139, 0, 171



35, 0, 43

Inverse Universe

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



212, 76, 101



255, 59, 95



76, 212, 117



107, 96, 98



171, 0, 31



43, 0, 8

Previews

White Background



This preview shows how the RGB color 187, 76, 212 looks on a white background.

Color Contrast Check

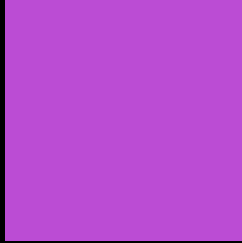
Large Text (above 18pt) WCAG AA ✓ Pass

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 187, 76, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

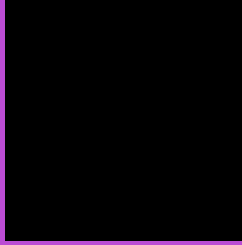
Any Text WCAG AA ✓ Pass

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 187, 76, 212 Background



This preview shows how black text looks on a background with the RGB color 187, 76, 212.

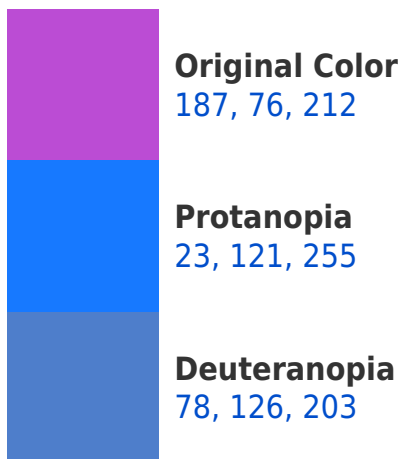


This preview shows how white text looks on a background with the RGB color 187, 76, 212.

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, 106, 113

Trichromacy



Original Color
187, 76, 212



Protanomaly
83, 105, 239



Deuteranomaly
118, 108, 206



Tritanomaly
179, 95, 149

Monochromacy



Original Color
187, 76, 212



Achromatopsia
125, 125, 125



Achromatomaly
148, 107, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 76, 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(187, 76, 212)` looks like.

```
.text, #text, p{  
    color:rgb(187, 76, 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(187, 76, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 76, 212) }
```

Border

The CSS property to change the border of an element to RGB 187, 76, 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(187, 76, 212) }
```

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

```
.border{ border-color:rgb(187, 76, 212) }
```

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

Here you see how a box with a 4 pixel rgb(187, 76, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 76, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 76, 212);  
box-shadow:4px 4px 4px 4px rgb(187, 76,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 187, 76, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 76, 212) }
```

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

```
.background{ background-color: rgb(187, 76,  
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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