

# Converting Colors

RGB(187, 156, 215)

Have a look what the booklet for  
RGB(187, 156, 215) contains.

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# **Color**

**RGB(187, 156, 215)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB9CD7
RGB	187, 156, 215
RGB Percent	73%, 61%, 84%
CMY	0.2667, 0.3882, 0.1569
CMYK	0.13, 0.27, 0.00, 0.16
HSL	272°, 42%, 73%
HSV	272°, 27%, 84%
XYZ	44.6477, 39.2480, 69.5124
YIQ	171.9950, -0.4630, 24.9210

# Conversions

## Conversions Part 2

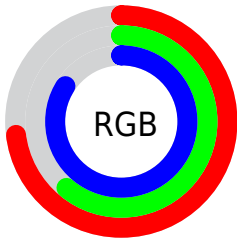
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 156, 215
Decimal	12295383
CIELab	68.93, 22.60, -25.78
CIELCh	69, 34.283, 311.237
Yxy	39.2480, 0.2910, 0.2558
Android (android.graphics.Color)	4290485463 (0xFFBB9CD7)
YUV	171.9950, 21.2015, 13.1594
Hunter-Lab	62.6482, 17.5777, -21.9324

# Details

The RGB color `187, 156, 215` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `184, 215, 156`, and the grayscale version is `172, 172, 172`.

A 20% lighter version of the original color is `244, 211, 255`, and `133, 105, 160` is the 20% darker color. If you saturate the color by 10%, you get `177, 135, 215`, and if you desaturate by 10%, it is `197, 178, 215`.

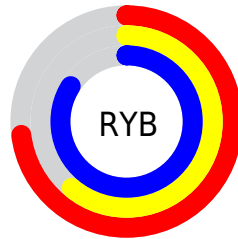
# Distribution



Red (73%)

Green (61%)

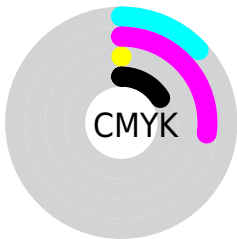
Blue (84%)



Red (73%)

Yellow (61%)

Blue (84%)

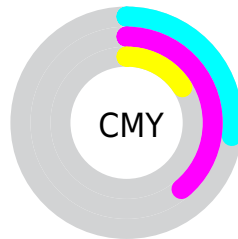


Cyan (13%)

Magenta (27%)

Yellow (0%)

Black (16%)



Cyan (27%)

Magenta (39%)


Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 187, 156, 215 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, 156, 215 by changing the saturation by 10% instead.



 187, 156, 215

 187, 156, 215

255, 255, 255

 160, 130, 187


 244, 211, 255

 133, 105, 160


 255, 239, 255

 107, 80, 134

 82, 57, 108


 58, 35, 84


 35, 14, 60


 15, 0, 39

 0, 1, 15

 0, 0, 0

 187, 156, 215

 187, 156, 215

 177, 135, 215


 197, 178, 215

 167, 113, 215

 207, 199, 215

 156, 92, 215

 218, 221, 215

 146, 70, 215

 228, 242, 215

 136, 49, 215


 238, 255, 215

 126, 27, 215

 248, 255, 215

 116, 5, 215

 255, 255, 215

 113, 0, 215

# Harmonies

## Analogous

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



144, 167, 229



187, 156, 215



217, 147, 189

# Triad

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



187, 156, 215



206, 160, 110



68, 185, 179

# Complementary

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



187, 156, 215



184, 215, 156

# 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.



106, 184, 147



187, 156, 215



178, 170, 107

# Square

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



187, 156, 215



225, 150, 129



143, 178, 121



56, 183, 208

# Rectangle

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



187, 156, 215



227, 144, 168



143, 178, 121



80, 185, 168



# Sweetspot

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



187, 156, 215



245, 235, 255



156, 185, 215



121, 115, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



187, 156, 215



215, 171, 255



215, 156, 214



102, 96, 107



90, 0, 171



23, 0, 43



# Inverse Universe

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



215, 156, 184



255, 171, 211



156, 215, 157



107, 96, 101



171, 0, 81



43, 0, 21



# Previews

## White Background



This preview shows how the RGB color 187, 156, 215 looks on a white background.

## Color Contrast Check

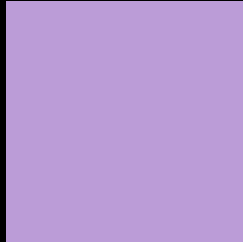
Large Text (above 18pt) WCAG AA × Fail

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, 156, 215 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

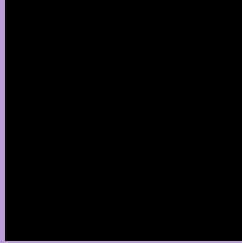
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 187, 156, 215 Background



This preview shows how black text looks on a background with the RGB color 187, 156, 215.

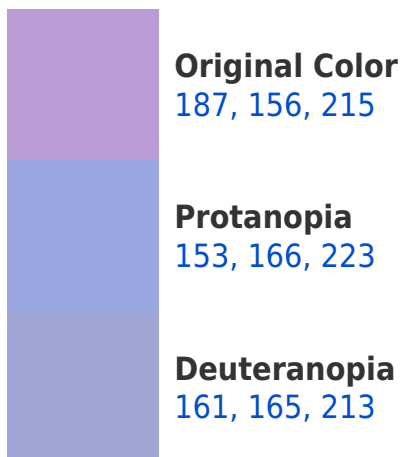



This preview shows how white text looks on a background with the RGB color 187, 156, 215.

# 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**  
181, 163, 176

# Trichromacy



**Original Color**  
187, 156, 215

**Protanomaly**  
165, 162, 220

**Deuteranomaly**  
170, 162, 214

**Tritanomaly**  
183, 160, 190

# Monochromacy



**Original Color**  
187, 156, 215

**Achromatopsia**  
172, 172, 172

**Achromatomaly**  
177, 166, 188

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 187, 156, 215 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, 156, 215)` looks like.

```
.text, #text, p{  
    color:rgb(187, 156, 215)  
}
```

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, 156, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 156, 215) }
```

## Border

The CSS property to change the border of an element to RGB 187, 156, 215 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, 156, 215) }
```

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

```
.border{ border-color:rgb(187, 156, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 156, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 156, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 156, 215);  
box-shadow:4px 4px 4px 4px rgb(187, 156,  
215) }
```

# Background

The CSS property to change the background color of an element to RGB 187, 156, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 156, 215) }
```

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

```
.background{ background-color: rgb(187,  
156, 215) }
```

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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