

Converting Colors

`RYB(189, 97, 215)`

Have a look what the booklet for
RYB(189, 97, 215) contains.

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Color

R_YB(189, 97, 215)

Conversions

Conversions Part 1

Format	Color
Hex	BD61D7
RGB	189, 97, 215
RGB Percent	74%, 38%, 84%
CMY	0.2588, 0.6196, 0.1569
CMYK	0.12, 0.55, 0.00, 0.16
HSL	287°, 60%, 61%
HSV	287°, 55%, 84%
XYZ	37.5267, 24.2745, 66.9976
YIQ	137.9600, 16.9540, 56.2020

Conversions

Conversions Part 2

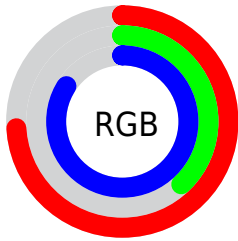
Format	Color
RYB	189, 97, 215
Decimal	12411351
CIELab	56.36, 54.90, -45.35
CIELCh	56, 71.210, 320.444
Yxy	24.2745, 0.2914, 0.1885
Android (android.graphics.Color)	4290601431 (0xFFBD61D7)
YUV	137.9600, 37.9807, 44.7621
Hunter-Lab	49.2692, 49.7366, -46.1357

Details

The RYB color **189, 97, 215** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **97, 215, 189**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **247, 151, 255**, and **133, 43, 160** is the 20% darker color. If you saturate the color by 10%, you get **184, 76, 215**, and if you desaturate by 10%, it is **194, 118, 215**.

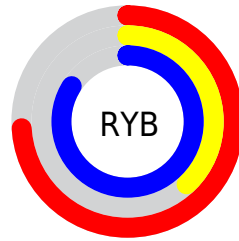
Distribution



Red (74%)

Green (38%)

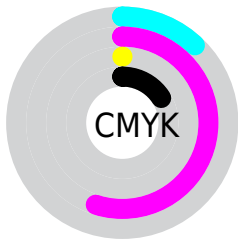
Blue (84%)



Red (74%)

Yellow (38%)

Blue (84%)

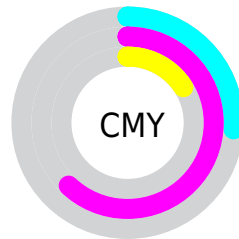


Cyan (12%)

Magenta (55%)

Yellow (0%)

Black (16%)



Cyan (26%)

















Magenta (62%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 97, 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 RYB color 189, 97, 215 by changing the saturation by 10% instead.


 189, 97, 215	 189, 97, 215
 255, 255, 255	 161, 70, 187
 247, 151, 255	 133, 43, 160
 255, 179, 255	 105, 7, 133
 255, 207, 255	 79, 0, 107
 255, 236, 255	 52, 0, 82
	 27, 0, 59
	 0, 2, 36
	 0, 0, 11
	 0, 0, 0

 189, 97, 215


 189, 97, 215


 184, 76, 215


 194, 118, 215

 180, 54, 215

 198, 140, 215

 175, 33, 215

 203, 162, 215

 170, 11, 215

 208, 183, 215

 168, 0, 215

 213, 205, 215

 215, 226, 224

 215, 247, 240

 215, 255, 243

 215, 255, 238

Harmonies

Analogous

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



85, 119, 252



189, 97, 215



235, 68, 158

Triad

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



189, 97, 215



77, 179, 0



0, 85, 177

Complementary

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



189, 97, 215



97, 215, 189

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, 95, 162



189, 97, 215



0, 145, 23

Square

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



189, 97, 215



222, 128, 37



27, 138, 156



0, 94, 230

Rectangle

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



189, 97, 215



244, 65, 116



27, 138, 156



0, 83, 163

Sweetspot

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



189, 97, 215



246, 214, 255



97, 120, 215



122, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



189, 97, 215



218, 87, 255



215, 97, 184



105, 96, 107



133, 0, 171



34, 0, 43

Inverse Universe

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



215, 97, 123



255, 87, 124



97, 190, 215



107, 96, 99



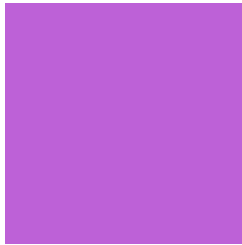
171, 0, 38



43, 0, 10

Previews

White Background



This preview shows how the RYB color 189, 97, 215 looks on a white background.

Color Contrast Check

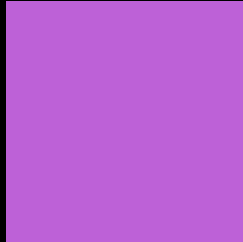
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RYB color 189, 97, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

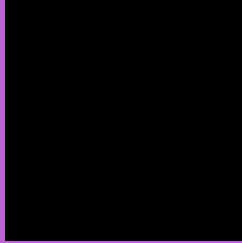
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYB 189, 97, 215 Background



This preview shows how black text looks on a background with the RYB color 189, 97, 215.

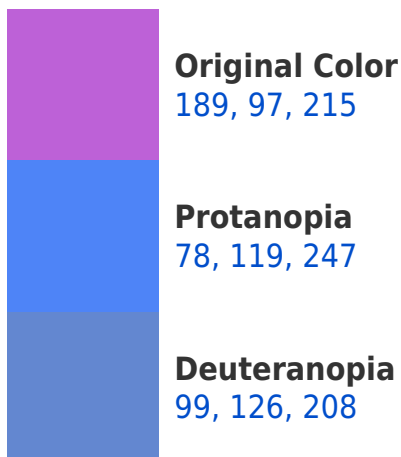



This preview shows how white text looks on a background with the RYB color 189, 97, 215.

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
177, 119, 129

Trichromacy



Original Color
189, 97, 215



Protanomaly
118, 119, 235



Deuteranomaly
132, 121, 211



Tritanomaly
181, 111, 160

Monochromacy



Original Color
189, 97, 215



Achromatopsia
138, 138, 138



Achromatomaly
157, 123, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 97, 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(189, 97, 215)` looks like.

```
.text, #text, p{  
    color:rgb(189, 97, 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(189, 97, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 97, 215) }
```

Border

The CSS property to change the border of an element to RYB 189, 97, 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(189, 97, 215) }
```

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

```
.border{ border-color:rgb(189, 97, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 97, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 97, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 97, 215);  
box-shadow:4px 4px 4px 4px rgb(189, 97,  
215) }
```

Background

The CSS property to change the background color of an element to RGB 189, 97, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 97, 215) }
```

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

```
.background{ background-color: rgb(189, 97,  
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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