

Converting Colors

`RYB(197, 101, 189)`

Have a look what the booklet for
RYB(197, 101, 189) contains.

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Color

R_YB(197, 101, 189)

Conversions

Conversions Part 1

Format	Color
Hex	C565BD
RGB	197, 101, 189
RGB Percent	77%, 40%, 74%
CMY	0.2275, 0.6039, 0.2588
CMYK	0.00, 0.49, 0.04, 0.23
HSL	305°, 45%, 58%
HSV	305°, 49%, 77%
XYZ	36.8649, 24.8518, 50.9980
YIQ	139.7360, 28.9680, 47.7200

Conversions

Conversions Part 2

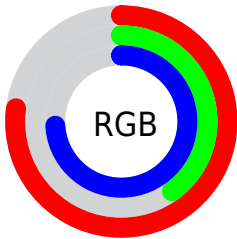
Format	Color
R _Y B	197, 101, 189
Decimal	12936637
CIE Lab	56.93, 50.28, -29.58
CIE LCh	57, 58.335, 329.534
Yxy	24.8518, 0.3271, 0.2205
Android (android.graphics.Color)	4291126717 (0xFFC565BD)
YUV	139.7360, 24.2872, 50.2205
Hunter-Lab	49.8516, 44.7594, -25.7574

Details

The RYB color **197, 101, 189** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **101, 190, 197**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **255, 155, 246**, and **141, 48, 135** is the 20% darker color. If you saturate the color by 10%, you get **197, 81, 187**, and if you desaturate by 10%, it is **197, 121, 191**.

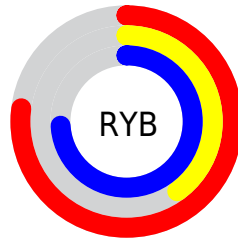
Distribution



Red (77%)

Green (40%)

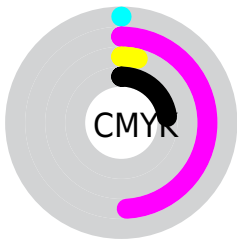
Blue (74%)



Red (77%)

Yellow (40%)

Blue (74%)

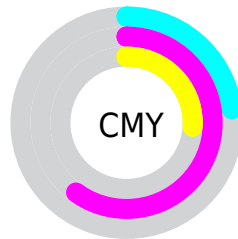


Cyan (0%)

Magenta (49%)

Yellow (4%)

Black (23%)



Cyan (23%)

Magenta (60%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 101, 189 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 197, 101, 189 by changing the saturation by 10% instead.

 197, 101, 189

255, 255, 255


 255, 155, 246


 255, 183, 255


 255, 211, 255

 255, 240, 255

 197, 101, 189

 169, 75, 162


 141, 48, 135

 114, 16, 110

 87, 0, 85

 62, 0, 61

 39, 0, 39

 0, 1, 16

 0, 0, 0

 197, 101, 189

 197, 101, 189

197, 81, 187

197, 121, 191

197, 62, 186

197, 140, 192

197, 42, 184

197, 160, 194

197, 22, 182

197, 180, 196

197, 2, 181

197, 200, 200

197, 0, 181

197, 217, 219

197, 236, 239

197, 250, 255

197, 249, 255

Harmonies

Analogous

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



134, 123, 226



197, 101, 189



226, 87, 140

Triad

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



197, 101, 189



55, 163, 19



0, 86, 185

Complementary

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



197, 101, 189



101, 190, 197

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, 87, 160



197, 101, 189



38, 148, 74

Square

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



197, 101, 189



202, 165, 47



28, 119, 157



0, 92, 224

Rectangle

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



197, 101, 189



228, 90, 106



28, 119, 157



0, 82, 169

Sweetspot

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



197, 101, 189



255, 217, 252



109, 101, 197



128, 105, 126



0, 0, 0



128, 128, 128

Same Dimension

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



197, 101, 189



255, 107, 243



197, 101, 141



99, 90, 99



163, 0, 150



36, 0, 33

Inverse Universe

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



197, 101, 189



255, 107, 243



101, 162, 197



99, 90, 99



163, 0, 150



36, 0, 33

Previews

White Background



This preview shows how the RYB color 197, 101, 189 looks on a white background.

Color Contrast Check

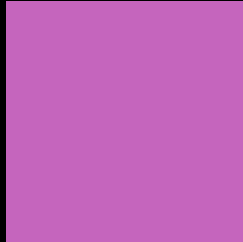
Large Text (above 18pt) WCAG AA ✓ Pass

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 197, 101, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

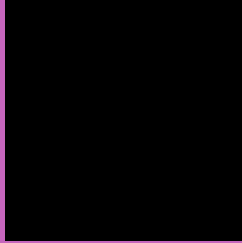
Any Text WCAG AA ✓ Pass

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 197, 101, 189 Background



This preview shows how black text looks on a background with the RGB color 197, 101, 189.

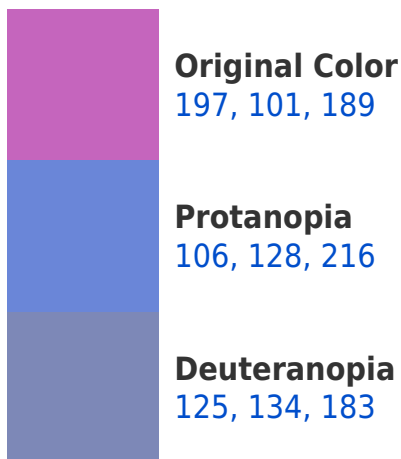


This preview shows how white text looks on a background with the RGB color 197, 101, 189.

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
189, 116, 125

Trichromacy



Original Color

197, 101, 189



Protanomaly

139, 122, 206



Deuteranomaly

151, 123, 185



Tritanomaly

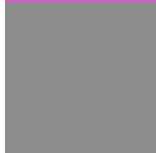
192, 111, 148

Monochromacy



Original Color

197, 101, 189



Achromatopsia

140, 140, 140



Achromatomaly

161, 126, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 101, 189 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(197, 101, 189)` looks like.

```
.text, #text, p{  
    color:rgb(197, 101, 189)  
}
```

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(197, 101, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 101, 189) }
```

Border

The CSS property to change the border of an element to RYB 197, 101, 189 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(197, 101, 189) }
```

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

```
.border{ border-color:rgb(197, 101, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 101, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 101, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 101, 189);  
box-shadow:4px 4px 4px 4px rgb(197, 101,  
189) }
```

Background

The CSS property to change the background color of an element to RYB 197, 101, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 101, 189) }
```

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

```
.background{ background-color: rgb(197,  
101, 189) }
```

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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