

Converting Colors

`RYB(189, 101, 183)`

Have a look what the booklet for
RYB(189, 101, 183) contains.

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Color

RYB(189, 101, 183)

Conversions

Conversions Part 1

Format	Color
Hex	BD65B7
RGB	189, 101, 183
RGB Percent	74%, 40%, 72%
CMY	0.2588, 0.6039, 0.2824
CMYK	0.00, 0.47, 0.03, 0.26
HSL	304°, 40%, 57%
HSV	304°, 47%, 74%
XYZ	34.1872, 23.5451, 47.5425
YIQ	136.6600, 26.1260, 44.1580

Conversions

Conversions Part 2

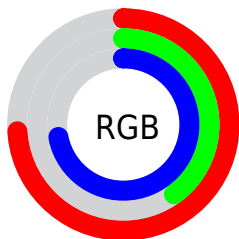
Format	Color
RYB	189, 101, 183
Decimal	12412343
CIELab	55.63, 46.84, -28.23
CIELCh	56, 54.689, 328.922
Yxy	23.5451, 0.3247, 0.2237
Android (android.graphics.Color)	4290602423 (0xFFBD65B7)
YUV	136.6600, 22.8456, 45.9022
Hunter-Lab	48.5233, 40.8469, -24.1254

Details

The RYB color **189, 101, 183** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **101, 183, 189**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **247, 155, 239**, and **134, 49, 130** is the 20% darker color. If you saturate the color by 10%, you get **189, 82, 182**, and if you desaturate by 10%, it is **189, 120, 184**.

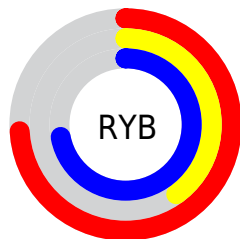
Distribution



Red (74%)

Green (40%)

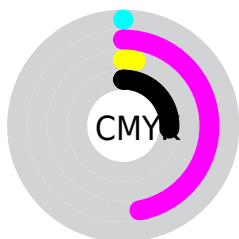
Blue (72%)



Red (74%)

Yellow (40%)

Blue (72%)

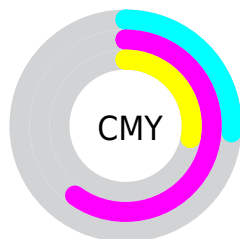


Cyan (0%)

Magenta (47%)

Yellow (3%)

Black (26%)



Cyan (26%)

Magenta (60%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 101, 183 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, 101, 183 by changing the saturation by 10% instead.

 189, 101, 183

255, 255, 255


 247, 155, 239

 255, 182, 255

 255, 210, 255

 255, 239, 255

 189, 101, 183

 161, 75, 156

 134, 49, 130

 107, 20, 104

 81, 0, 80

 56, 0, 57

 32, 0, 35

 0, 0, 8


 0, 0, 0

 189, 101, 183

 189, 101, 183

 189, 82, 182

 189, 120, 184


 189, 63, 180

 189, 139, 186

 189, 44, 179

 189, 158, 187

 189, 25, 178

 189, 177, 188

 189, 7, 177

 189, 196, 196

 189, 0, 176

 189, 212, 214

 189, 230, 233

 189, 248, 252

 189, 250, 255

Harmonies

Analogous

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



130, 121, 217



189, 101, 183



216, 89, 137

Triad

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



189, 101, 183



65, 159, 28



0, 83, 178

Complementary

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



189, 101, 183



101, 183, 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, 85, 156



189, 101, 183



43, 144, 75

Square

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



189, 101, 183



196, 156, 51



41, 122, 152



0, 88, 214

Rectangle

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



189, 101, 183



220, 90, 105



41, 122, 152



0, 80, 163

Sweetspot

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



189, 101, 183



245, 211, 242



107, 101, 189



122, 102, 121



250, 250, 250



122, 122, 122

Same Dimension

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



189, 101, 183



245, 108, 235



189, 101, 139



94, 85, 94



158, 0, 147



31, 0, 29

Inverse Universe

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



189, 101, 183



245, 108, 235



101, 157, 189



94, 85, 94



158, 0, 147



31, 0, 29

Previews

White Background



This preview shows how the RYB color 189, 101, 183 looks on a white background.

Color Contrast Check

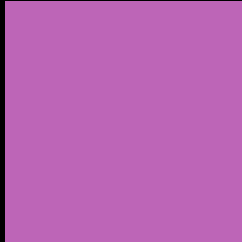
Large Text (above 18pt) WCAG AA ✓ Pass

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, 101, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

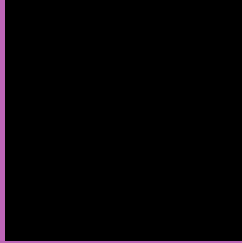
Any Text WCAG AA ✓ Pass

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, 101, 183 Background



This preview shows how black text looks on a background with the RYB color 189, 101, 183.

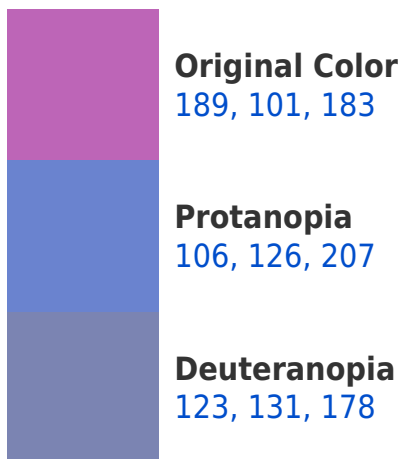



This preview shows how white text looks on a background with the RYB color 189, 101, 183.

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
182, 115, 123

Trichromacy



Original Color
189, 101, 183

Protanomaly
136, 120, 198

Deuteranomaly
147, 121, 180

Tritanomaly
185, 110, 145

Monochromacy



Original Color
189, 101, 183

Achromatopsia
137, 137, 137

Achromatomaly
156, 124, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 101, 183 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, 101, 183)` looks like.

```
.text, #text, p{  
    color:rgb(189, 101, 183)  
}
```

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, 101, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 101, 183) }
```

Border

The CSS property to change the border of an element to RYB 189, 101, 183 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, 101, 183) }
```

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

```
.border{ border-color:rgb(189, 101, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 101, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 101, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 101, 183);  
box-shadow:4px 4px 4px 4px rgb(189, 101,  
183) }
```

Background

The CSS property to change the background color of an element to RYB 189, 101, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 101, 183) }
```

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

```
.background{ background-color: rgb(189,  
101, 183) }
```

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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