

# Converting Colors

RGB(191, 130, 178)

Have a look what the booklet for  
RGB(191, 130, 178) contains.

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# **Color**

**RGB(191, 130, 178)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BF82B2
RGB	191, 130, 178
RGB Percent	75%, 51%, 70%
CMY	0.2510, 0.4902, 0.3020
CMYK	0.00, 0.32, 0.07, 0.25
HSL	313°, 32%, 63%
HSV	313°, 32%, 75%
XYZ	37.5044, 30.2560, 45.9828
YIQ	153.7110, 20.9480, 27.8600

# Conversions

## Conversions Part 2

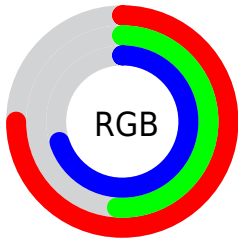
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 130, 178
Decimal	12550834
CIE <sub>Lab</sub>	61.87, 31.07, -15.79
CIE <sub>LCh</sub>	62, 34.849, 333.065
Yxy	30.2560, 0.3297, 0.2660
Android (android.graphics.Color)	4290740914 (0xFFBF82B2)
YUV	153.7110, 11.9745, 32.7025
Hunter-Lab	55.0054, 25.4472, -11.0607

# Details

The RGB color **191, 130, 178** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **130, 191, 143**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **248, 184, 234**, and **137, 79, 125** is the 20% darker color. If you saturate the color by 10%, you get **191, 111, 174**, and if you desaturate by 10%, it is **191, 149, 182**.

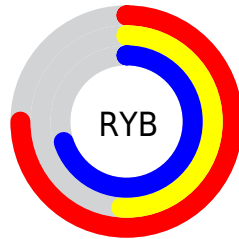
# Distribution



Red (75%)

Green (51%)

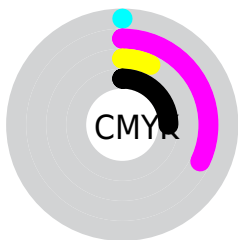
Blue (70%)



Red (75%)

Yellow (51%)

Blue (70%)

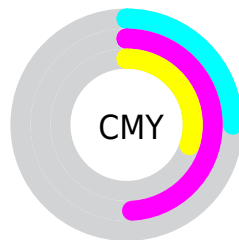


Cyan (0%)

Magenta (32%)

Yellow (7%)

Black (25%)



Cyan (25%)

Magenta (49%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 191, 130, 178 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 191, 130, 178 by changing the saturation by 10% instead.



 191, 130, 178

255, 255, 255

 248, 184, 234

 255, 212, 255

 255, 240, 255

 191, 130, 178

 163, 104, 151

 137, 79, 125

 110, 55, 100

 85, 32, 76

 61, 7, 53


 40, 0, 32


 0, 0, 4


 0, 0, 0


 191, 130, 178


 191, 130, 178


 191, 111, 174


 191, 149, 182

 191, 92, 170


 191, 168, 186


 191, 73, 166


 191, 187, 190


 191, 54, 162

 191, 206, 194

 191, 34, 158

 191, 226, 198

 191, 15, 154

 191, 245, 202

 191, 0, 150

 191, 255, 206

 191, 255, 211

 191, 255, 215

# Harmonies

## Analogous

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



157, 140, 201



191, 130, 178



208, 125, 147

# Triad

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



191, 130, 178



167, 149, 87



0, 165, 182

# Complementary

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



191, 130, 178



130, 191, 143

# 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.



52, 166, 152



191, 130, 178



134, 158, 97

# Square

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



191, 130, 178



192, 138, 95



97, 163, 121



52, 160, 204

# Rectangle

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



191, 130, 178



210, 127, 127



97, 163, 121



15, 166, 173



# Sweetspot

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



191, 130, 178



247, 223, 242



142, 130, 191



125, 110, 122



252, 252, 252



125, 125, 125



# Same Dimension

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



191, 130, 178



247, 153, 227



191, 130, 148



94, 85, 92



158, 0, 124



31, 0, 24



# Inverse Universe

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



191, 130, 178



247, 153, 227



130, 191, 173



94, 85, 92



158, 0, 124

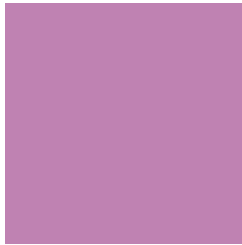


31, 0, 24



# Previews

## White Background



This preview shows how the RGB color 191, 130, 178 looks on a white background.

## Color Contrast Check

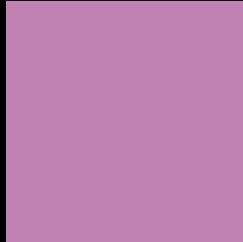
Large Text (above 18pt) WCAG AA × Fail

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 191, 130, 178 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

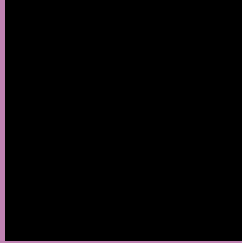
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 191, 130, 178 Background



This preview shows how black text looks on a background with the RGB color 191, 130, 178.

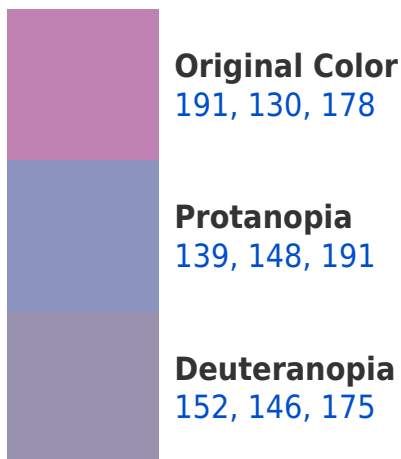


This preview shows how white text looks on a background with the RGB color 191, 130, 178.

# 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**  
187, 136, 146

# Trichromacy



**Original Color**  
191, 130, 178

**Protanomaly**  
158, 141, 186

**Deuteranomaly**  
166, 140, 176

**Tritanomaly**  
188, 134, 158

# Monochromacy



**Original Color**  
191, 130, 178

**Achromatopsia**  
154, 154, 154

**Achromatomaly**  
167, 145, 163

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 191, 130, 178 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(191, 130, 178)` looks like.

```
.text, #text, p{  
    color:rgb(191, 130, 178)  
}
```

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(191, 130, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 130, 178) }
```

## Border

The CSS property to change the border of an element to RGB 191, 130, 178 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(191, 130, 178) }
```

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

```
.border{ border-color:rgb(191, 130, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 130, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 130, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 130, 178);  
box-shadow:4px 4px 4px 4px rgb(191, 130,  
178) }
```

# Background

The CSS property to change the background color of an element to RGB 191, 130, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 130, 178) }
```

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

```
.background{ background-color: rgb(191,  
130, 178) }
```

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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