

Converting Colors

RGB(191, 121, 202)

Have a look what the booklet for
RGB(191, 121, 202) contains.

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Color

RGB(191, 121, 202)

Conversions

Conversions Part 1

Format	Color
Hex	BF79CA
RGB	191, 121, 202
RGB Percent	75%, 47%, 79%
CMY	0.2510, 0.5255, 0.2078
CMYK	0.05, 0.40, 0.00, 0.21
HSL	292°, 43%, 63%
HSV	292°, 40%, 79%
XYZ	38.9839, 29.0154, 59.4230
YIQ	151.1640, 15.7190, 40.0310

Conversions

Conversions Part 2

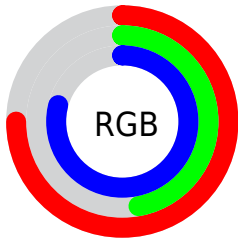
Format	Color
R_{YB}	191, 121, 202
Decimal	12548554
CIE _{Lab}	60.80, 40.48, -31.04
CIE _{LCh}	61, 51.009, 322.523
Yxy	29.0154, 0.3059, 0.2277
Android (android.graphics.Color)	4290738634 (0xFFBF79CA)
YUV	151.1640, 25.0621, 34.9362
Hunter-Lab	53.8659, 34.9188, -27.7005

Details

The RGB color **191, 121, 202** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **132, 202, 121**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **249, 175, 255**, and **136, 70, 148** is the 20% darker color. If you saturate the color by 10%, you get **188, 101, 202**, and if you desaturate by 10%, it is **194, 141, 202**.

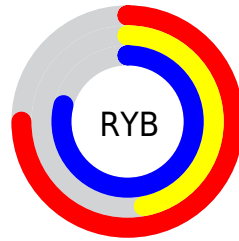
Distribution



Red (75%)

Green (47%)

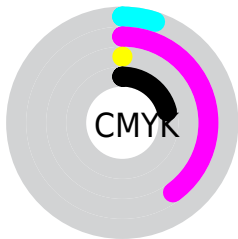
Blue (79%)



Red (75%)

Yellow (47%)

Blue (79%)

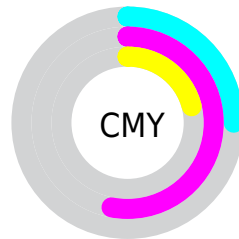


Cyan (5%)

Magenta (40%)

Yellow (0%)

Black (21%)



Cyan (25%)


Magenta (53%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 191, 121, 202 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, 121, 202 by changing the saturation by 10% instead.


 191, 121, 202

255, 255, 255

 249, 175, 255

 255, 203, 255

 255, 231, 255

 191, 121, 202

 163, 95, 174

 136, 70, 148

 110, 45, 122


 84, 19, 96


 59, 0, 72

 38, 0, 50

 0, 1, 27

 0, 0, 0

 191, 121, 202


 191, 121, 202

 188, 101, 202


 194, 141, 202

 186, 81, 202

 196, 161, 202

 183, 60, 202

 199, 182, 202

 180, 40, 202

 202, 202, 202

 177, 20, 202

 205, 222, 202

 175, 0, 202

 207, 242, 202

 210, 255, 202

 213, 255, 202

 216, 255, 202

Harmonies

Analogous

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



130, 139, 230



191, 121, 202



223, 108, 160

Triad

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



191, 121, 202



182, 140, 53



0, 169, 180

Complementary

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



191, 121, 202



132, 202, 121

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, 168, 133



191, 121, 202



139, 154, 58

Square

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



191, 121, 202



214, 123, 76



83, 164, 89



0, 165, 217

Rectangle

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



191, 121, 202



230, 107, 129



83, 164, 89



0, 169, 165

Sweetspot

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



191, 121, 202



251, 224, 255



121, 133, 202



125, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



191, 121, 202



238, 133, 255



202, 121, 174



101, 92, 102



143, 0, 166



33, 0, 38

Inverse Universe

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



202, 121, 132



255, 133, 149



121, 202, 149



102, 92, 93



166, 0, 23



38, 0, 5

Previews

White Background



This preview shows how the RGB color 191, 121, 202 looks on a white background.

Color Contrast Check

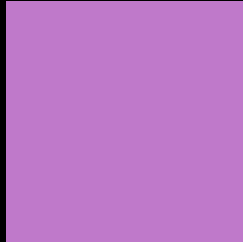
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 191, 121, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

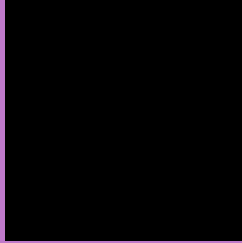
Any Text WCAG AA ✓ Pass

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 191, 121, 202 Background



This preview shows how black text looks on a background with the RGB color 191, 121, 202.

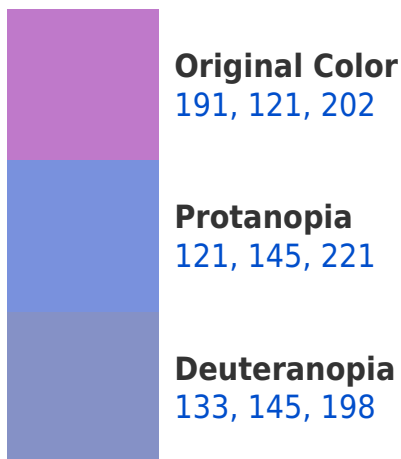


This preview shows how white text looks on a background with the RGB color 191, 121, 202.

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

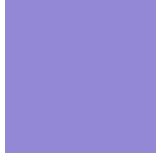
183, 134, 144

Trichromacy



Original Color

191, 121, 202



Protanomaly

146, 136, 214



Deuteranomaly

154, 136, 199



Tritanomaly

186, 129, 165

Monochromacy



Original Color

191, 121, 202



Achromatopsia

151, 151, 151



Achromatomaly

166, 140, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 191, 121, 202 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, 121, 202)` looks like.

```
.text, #text, p{  
    color:rgb(191, 121, 202)  
}
```

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, 121, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 121, 202) }
```

Border

The CSS property to change the border of an element to RGB 191, 121, 202 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, 121, 202) }
```

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

```
.border{ border-color:rgb(191, 121, 202) }
```

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

Here you see how a box with a 4 pixel rgb(191, 121, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 121, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 121, 202);  
box-shadow:4px 4px 4px 4px rgb(191, 121,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 191, 121, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 121, 202) }
```

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

```
.background{ background-color: rgb(191,  
121, 202) }
```

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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