

Converting Colors

RGB(191, 102, 171)

Have a look what the booklet for
RGB(191, 102, 171) contains.

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Color

RGB(191, 102, 171)

Conversions

Conversions Part 1

Format	Color
Hex	BF66AB
RGB	191, 102, 171
RGB Percent	75%, 40%, 67%
CMY	0.2510, 0.6000, 0.3294
CMYK	0.00, 0.47, 0.10, 0.25
HSL	313°, 41%, 57%
HSV	313°, 47%, 75%
XYZ	33.5879, 23.5194, 41.2975
YIQ	136.4770, 30.8950, 40.3270

Conversions

Conversions Part 2

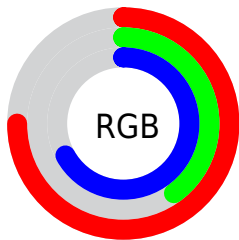
Format	Color
RYB	191, 102, 171
Decimal	12543659
CIELab	55.60, 44.86, -21.32
CIELCh	56, 49.669, 334.583
Yxy	23.5194, 0.3413, 0.2390
Android (android.graphics.Color)	4290733739 (0xFFBF66AB)
YUV	136.4770, 17.0198, 47.8167
Hunter-Lab	48.4968, 38.7562, -16.5407

Details

The RGB color **191, 102, 171** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **102, 191, 122**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **249, 155, 226**, and **135, 50, 119** is the 20% darker color. If you saturate the color by 10%, you get **191, 83, 167**, and if you desaturate by 10%, it is **191, 121, 175**.

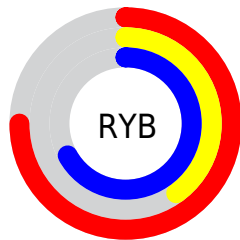
Distribution



Red (75%)

Green (40%)

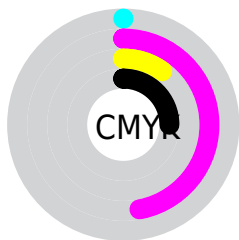
Blue (67%)



Red (75%)

Yellow (40%)

Blue (67%)

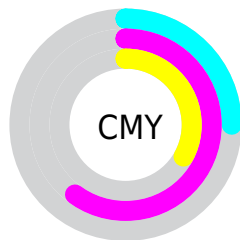


Cyan (0%)

Magenta (47%)

Yellow (10%)

Black (25%)



Cyan (25%)


Magenta (60%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 191, 102, 171 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, 102, 171 by changing the saturation by 10% instead.

 191, 102, 171


255, 255, 255

 249, 155, 226

 255, 183, 255

 255, 211, 255

 255, 240, 255

 191, 102, 171

 163, 76, 144

 135, 50, 119

 109, 22, 94


 83, 0, 70


 57, 0, 47


 34, 0, 26


 0, 0, 0


 191, 102, 171


 191, 83, 167


 191, 102, 171


 191, 121, 175


 191, 64, 162

 191, 140, 180


 191, 45, 158

 191, 159, 184

 191, 26, 154


 191, 178, 188


 191, 7, 150


 191, 198, 192

 191, 0, 148

 191, 217, 197

 191, 236, 201

 191, 255, 205

 191, 255, 210

Harmonies

Analogous

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



144, 119, 204



191, 102, 171



211, 94, 128

Triad

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



191, 102, 171



151, 133, 41



0, 153, 181

Complementary

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



191, 102, 171



102, 191, 122

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, 154, 139



191, 102, 171



106, 145, 58

Square

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



191, 102, 171



186, 117, 54



37, 152, 94



0, 147, 211

Rectangle

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



191, 102, 171



212, 98, 100



37, 152, 94



0, 154, 168

Sweetspot

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



191, 102, 171



247, 213, 240



121, 102, 191



125, 104, 120



252, 252, 252



125, 125, 125

Same Dimension

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



191, 102, 171



247, 109, 216



191, 102, 127



94, 85, 92



158, 0, 123



31, 0, 24

Inverse Universe

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



191, 102, 171



247, 109, 216



102, 191, 166



94, 85, 92



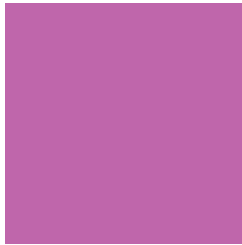
158, 0, 123



31, 0, 24

Previews

White Background



This preview shows how the RGB color 191, 102, 171 looks on a white background.

Color Contrast Check

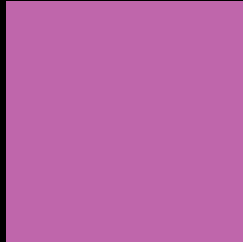
Large Text (above 18pt) WCAG AA ✓ Pass

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, 102, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

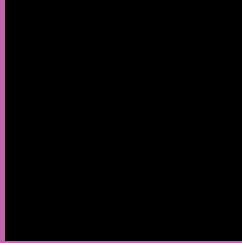
Any Text WCAG AA ✓ Pass

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, 102, 171 Background



This preview shows how black text looks on a background with the RGB color 191, 102, 171.

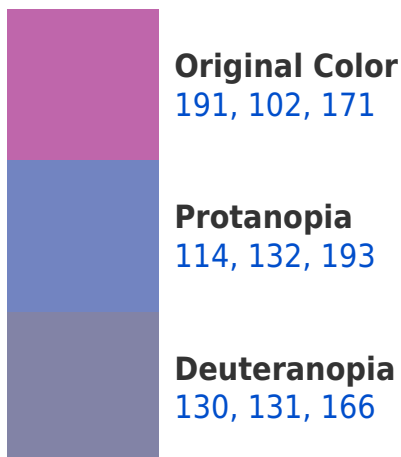



This preview shows how white text looks on a background with the RGB color 191, 102, 171.

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](#).

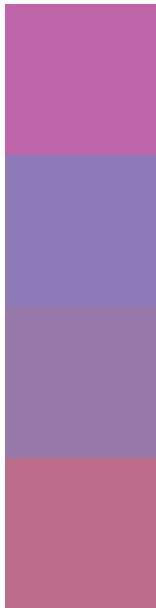
Dichromacy





Tritanopia
185, 113, 121

Trichromacy



Original Color
191, 102, 171

Protanomaly
142, 121, 185

Deuteranomaly
152, 120, 168

Tritanomaly
187, 109, 139

Monochromacy



Original Color
191, 102, 171

Achromatopsia
136, 136, 136

Achromatomaly
156, 124, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 191, 102, 171 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, 102, 171)` looks like.

```
.text, #text, p{  
    color:rgb(191, 102, 171)  
}
```

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, 102, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 102, 171) }
```

Border

The CSS property to change the border of an element to RGB 191, 102, 171 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, 102, 171) }
```

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

```
.border{ border-color:rgb(191, 102, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 102, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 102, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 102, 171);  
box-shadow:4px 4px 4px 4px rgb(191, 102,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 191, 102, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 102, 171) }
```

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

```
.background{ background-color: rgb(191,  
102, 171) }
```

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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