

Converting Colors

RGB(190, 103, 187)

Have a look what the booklet for
RGB(190, 103, 187) contains.

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Color

RGB(190, 103, 187)

Conversions

Conversions Part 1

Format	Color
Hex	BE67BB
RGB	190, 103, 187
RGB Percent	75%, 40%, 73%
CMY	0.2549, 0.5961, 0.2667
CMYK	0.00, 0.46, 0.02, 0.25
HSL	302°, 40%, 57%
HSV	302°, 46%, 75%
XYZ	35.0551, 24.2355, 49.8440
YIQ	138.5890, 24.8880, 44.5680

Conversions

Conversions Part 2

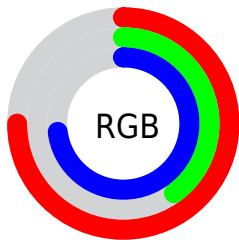
Format	Color
R _{YB}	190, 103, 187
Decimal	12478395
CIE _{Lab}	56.32, 46.83, -29.45
CIE _{LCh}	56, 55.321, 327.842
Yxy	24.2355, 0.3212, 0.2221
Android (android.graphics.Color)	4290668475 (0xFFBE67BB)
YUV	138.5890, 23.8666, 45.0874
Hunter-Lab	49.2296, 40.9535, -25.5693

Details

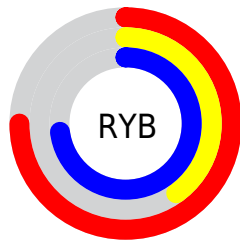
The RGB color **190, 103, 187** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **103, 190, 106**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **248, 157, 243**, and **135, 51, 133** is the 20% darker color. If you saturate the color by 10%, you get **190, 84, 186**, and if you desaturate by 10%, it is **190, 122, 188**.

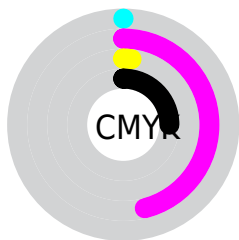
Distribution



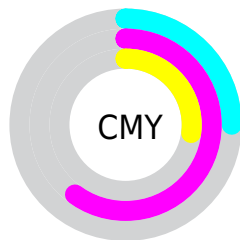
- Red (75%)
- Green (40%)
- Blue (73%)



- Red (75%)
- Yellow (40%)
- Blue (73%)



- Cyan (0%)
- Magenta (46%)
- Yellow (2%)
- Black (25%)



- Cyan (25%)
- Magenta (60%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the RGB color 190, 103, 187 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 190, 103, 187 by changing the saturation by 10% instead.

 190, 103, 187

255, 255, 255

 248, 157, 243

 255, 184, 255

 255, 213, 255

 255, 242, 255

 190, 103, 187

 162, 77, 160

 135, 51, 133

 108, 23, 108

 82, 0, 83

 56, 0, 60


 34, 0, 38

 0, 1, 14


 0, 0, 0


 190, 103, 187

 190, 103, 187


 190, 84, 186


 190, 122, 188


 190, 65, 186

 190, 141, 188


 190, 46, 185

 190, 160, 189

 190, 27, 184

 190, 179, 190

 190, 8, 184

 190, 198, 190

 190, 0, 183

 190, 217, 191

 190, 236, 192

 190, 255, 192

 190, 255, 193

Harmonies

Analogous

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



129, 124, 221



190, 103, 187



219, 90, 141

Triad

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



190, 103, 187



163, 131, 28



0, 158, 179

Complementary

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



190, 103, 187



103, 190, 106

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, 158, 130



190, 103, 187



116, 145, 42

Square

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



190, 103, 187



199, 113, 53



46, 154, 81



0, 153, 216

Rectangle

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



190, 103, 187



223, 91, 108



46, 154, 81



0, 158, 163

Sweetspot

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



190, 103, 187



247, 213, 246



106, 103, 190



125, 104, 124



252, 252, 252



125, 125, 125

Same Dimension

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



190, 103, 187



247, 111, 243



190, 103, 144



94, 85, 94



158, 0, 153



31, 0, 30

Inverse Universe

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



190, 103, 187



247, 111, 243



103, 190, 149



94, 85, 94



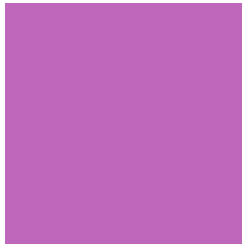
158, 0, 153



31, 0, 30

Previews

White Background



This preview shows how the RGB color 190, 103, 187 looks on a white background.

Color Contrast Check

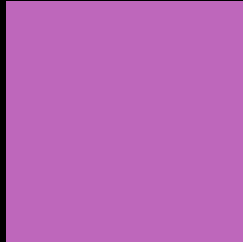
Large Text (above 18pt) WCAG AA ✓ Pass

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 190, 103, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

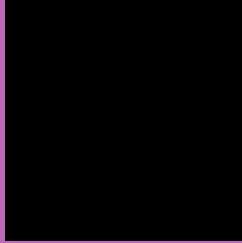
Any Text WCAG AA ✓ Pass

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 190, 103, 187 Background



This preview shows how black text looks on a background with the RGB color 190, 103, 187.

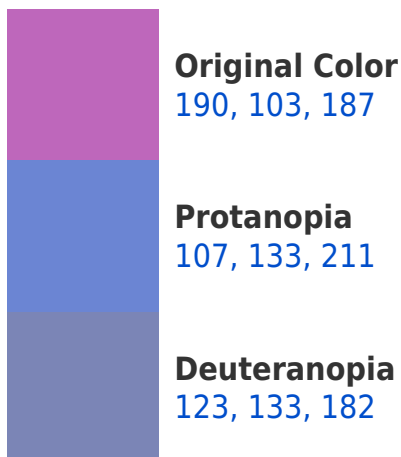


This preview shows how white text looks on a background with the RGB color 190, 103, 187.

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, 117, 126

Trichromacy



Original Color
190, 103, 187

Protanomaly
137, 122, 202

Deuteranomaly
147, 122, 184

Tritanomaly
185, 112, 148

Monochromacy



Original Color
190, 103, 187

Achromatopsia
139, 139, 139

Achromatomaly
158, 126, 156

CSS Examples

Text

The CSS property to change the color of the text to RGB 190, 103, 187 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(190, 103, 187)` looks like.

```
.text, #text, p{  
    color:rgb(190, 103, 187)  
}
```

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(190, 103, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 103, 187) }
```

Border

The CSS property to change the border of an element to RGB 190, 103, 187 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(190, 103, 187) }
```

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

```
.border{ border-color:rgb(190, 103, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 103, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 103, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 103, 187); box-shadow:4px 4px 4px 4px rgb(190, 103, 187) }
```

Background

The CSS property to change the background color of an element to RGB 190, 103, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 103, 187) }
```

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

```
.background{ background-color: rgb(190,  
103, 187) }
```

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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