

Converting Colors

`RYB(191, 110, 186)`

Have a look what the booklet for
RYB(191, 110, 186) contains.

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Color

RYB(191, 110, 186)

Conversions

Conversions Part 1

Format	Color
Hex	BF6EBA
RGB	191, 110, 186
RGB Percent	75%, 43%, 73%
CMY	0.2510, 0.5686, 0.2706
CMYK	0.00, 0.42, 0.03, 0.25
HSL	304°, 39%, 59%
HSV	304°, 42%, 75%
XYZ	35.9247, 25.7734, 49.5357
YIQ	142.8830, 23.8800, 40.8080

Conversions

Conversions Part 2

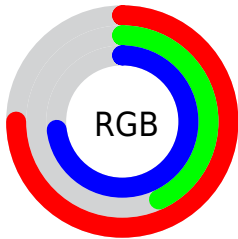
Format	Color
R_{YB}	191, 110, 186
Decimal	12545722
CIE _{Lab}	57.82, 43.32, -26.54
CIE _{LCh}	58, 50.801, 328.501
Yxy	25.7734, 0.3230, 0.2317
Android (android.graphics.Color)	4290735802 (0xFFBF6EBA)
YUV	142.8830, 21.2567, 42.1986
Hunter-Lab	50.7675, 37.4692, -22.3141

Details

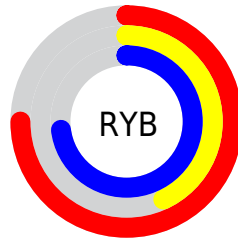
The RYB color **191, 110, 186** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **110, 186, 191**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **249, 164, 242**, and **136, 59, 133** is the 20% darker color. If you saturate the color by 10%, you get **191, 91, 185**, and if you desaturate by 10%, it is **191, 129, 187**.

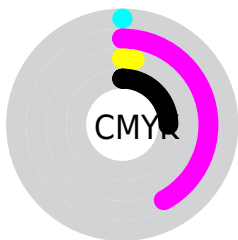
Distribution



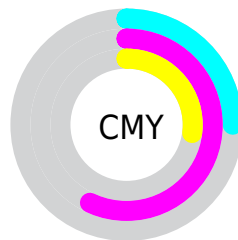
- Red (75%)
- Green (43%)
- Blue (73%)



- Red (75%)
- Yellow (43%)
- Blue (73%)



- Cyan (0%)
- Magenta (42%)
- Yellow (3%)
- Black (25%)



- Cyan (25%)
- Magenta (57%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 110, 186 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 191, 110, 186 by changing the saturation by 10% instead.

 191, 110, 186

255, 255, 255


 249, 164, 242

 255, 191, 255

 255, 220, 255

 255, 249, 255

 191, 110, 186

 163, 84, 159


 136, 59, 133

 109, 33, 107

 83, 0, 83

 58, 0, 59


 37, 0, 37


 0, 1, 13


 0, 0, 0


 191, 110, 186


 191, 110, 186


 191, 91, 185


 191, 129, 187


 191, 72, 184


 191, 148, 188


 191, 53, 182


 191, 167, 190

 191, 34, 181


 191, 186, 191

 191, 15, 180


 191, 205, 206

 191, 0, 179

 191, 223, 225

 191, 241, 244

 191, 251, 255

 191, 250, 255

Harmonies

Analogous

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



137, 128, 217



191, 110, 186



217, 99, 143

Triad

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



191, 110, 186



82, 165, 44



0, 85, 180

Complementary

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



191, 110, 186



110, 186, 191

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, 87, 160



191, 110, 186



56, 149, 84

Square

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



191, 110, 186



199, 158, 63



61, 135, 157



0, 90, 214

Rectangle

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



191, 110, 186



221, 101, 113



61, 135, 157



0, 82, 166

Sweetspot

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



191, 110, 186



247, 215, 245



114, 110, 191



125, 105, 124



252, 252, 252



125, 125, 125

Same Dimension

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



191, 110, 186



247, 121, 240



191, 110, 146



94, 85, 94



158, 0, 148



31, 0, 29

Inverse Universe

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



191, 110, 186



247, 121, 240



110, 162, 191



94, 85, 94



158, 0, 148



31, 0, 29

Previews

White Background



This preview shows how the RYB color 191, 110, 186 looks on a white background.

Color Contrast Check

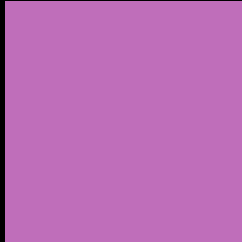
Large Text (above 18pt) WCAG AA ✓ Pass

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 191, 110, 186 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 191, 110, 186 Background



This preview shows how black text looks on a background with the RYB color 191, 110, 186.

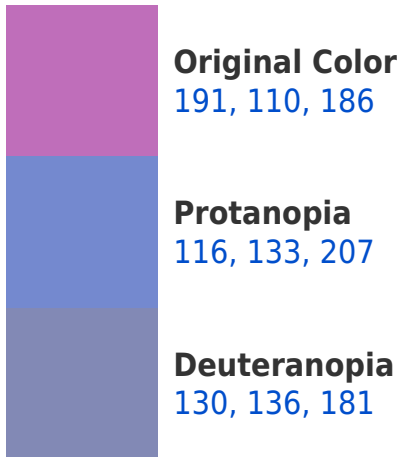


This preview shows how white text looks on a background with the RYB color 191, 110, 186.

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
184, 122, 131

Trichromacy



Original Color
191, 110, 186

Protanomaly
143, 127, 199

Deuteranomaly
152, 127, 183

Tritanomaly
187, 118, 151

Monochromacy



Original Color
191, 110, 186

Achromatopsia
143, 143, 143

Achromatomaly
160, 131, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 110, 186 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, 110, 186)` looks like.

```
.text, #text, p{  
    color:rgb(191, 110, 186)  
}
```

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, 110, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 110, 186) }
```

Border

The CSS property to change the border of an element to RYB 191, 110, 186 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, 110, 186) }
```

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

```
.border{ border-color:rgb(191, 110, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 110, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 110, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 110, 186);  
box-shadow:4px 4px 4px 4px rgb(191, 110,  
186) }
```

Background

The CSS property to change the background color of an element to RYB 191, 110, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 110, 186) }
```

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

```
.background{ background-color: rgb(191,  
110, 186) }
```

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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