

Converting Colors

`RYB(191, 138, 194)`

Have a look what the booklet for RYB(191, 138, 194) contains.

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Color

R_YB(191, 138, 194)

Conversions

Conversions Part 1

Format	Color
Hex	BF8AC2
RGB	191, 138, 194
RGB Percent	75%, 54%, 76%
CMY	0.2510, 0.4588, 0.2392
CMYK	0.02, 0.29, 0.00, 0.24
HSL	297°, 31%, 65%
HSV	297°, 29%, 76%
XYZ	40.3119, 33.1484, 55.3125
YIQ	160.2310, 13.6120, 28.6520

Conversions

Conversions Part 2

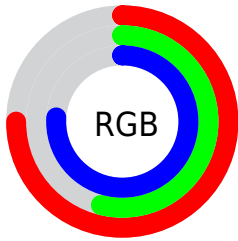
Format	Color
R_{YB}	191, 138, 194
Decimal	12552898
CIE _{Lab}	64.28, 29.63, -21.17
CIE _{LCh}	64, 36.412, 324.457
Yxy	33.1484, 0.3130, 0.2574
Android (android.graphics.Color)	4290742978 (0xFFBF8AC2)
YUV	160.2310, 16.6481, 26.9844
Hunter-Lab	57.5746, 24.2245, -16.6583

Details

The RYB color **191, 138, 194** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **138, 194, 191**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **248, 192, 251**, and **137, 87, 140** is the 20% darker color. If you saturate the color by 10%, you get **190, 119, 194**, and if you desaturate by 10%, it is **192, 157, 194**.

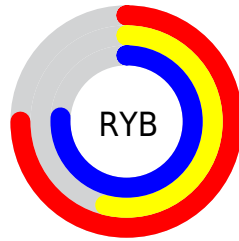
Distribution



Red (75%)

Green (54%)

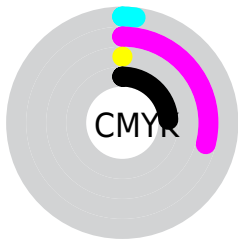
Blue (76%)



Red (75%)

Yellow (54%)

Blue (76%)

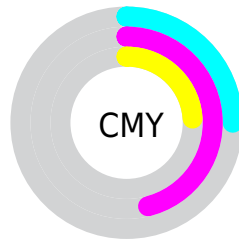


Cyan (2%)

Magenta (29%)

Yellow (0%)

Black (24%)



Cyan (25%)


Magenta (46%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 138, 194 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, 138, 194 by changing the saturation by 10% instead.


 191, 138, 194


255, 255, 255

 248, 192, 251


 255, 220, 255

 255, 249, 255


 191, 138, 194

 163, 112, 167

 137, 87, 140

 111, 63, 115

 86, 40, 90


 61, 16, 66

 39, 0, 44


 0, 0, 23

 0, 0, 0


 191, 138, 194

 191, 138, 194

 190, 119, 194

 192, 157, 194

 189, 99, 194

 193, 177, 194

 188, 80, 194


 194, 196, 196

 187, 60, 194

 194, 216, 215

 186, 41, 194

 194, 235, 233

 185, 22, 194

 194, 254, 251

 184, 2, 194

 194, 255, 251

 184, 0, 194

 194, 255, 250

 194, 255, 249

Harmonies

Analogous

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



151, 150, 215



191, 138, 194



214, 131, 163

Triad

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



191, 138, 194



136, 182, 91



0, 89, 182

Complementary

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



191, 138, 194



138, 194, 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.



67, 127, 173



191, 138, 194



95, 162, 107

Square

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



191, 138, 194



207, 159, 104



112, 164, 169



30, 108, 208

Rectangle

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



191, 138, 194



219, 131, 141



112, 164, 169



29, 102, 173

Sweetspot

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



191, 138, 194



251, 230, 252



138, 142, 194



127, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



191, 138, 194



248, 164, 252



194, 138, 170



96, 87, 97



152, 0, 161



31, 0, 33

Inverse Universe

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



194, 138, 141



252, 164, 169



138, 177, 194



97, 87, 88



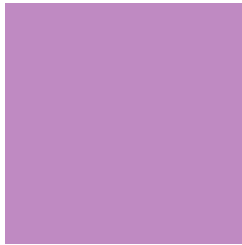
161, 0, 9



33, 0, 2

Previews

White Background



This preview shows how the RYB color 191, 138, 194 looks on a white background.

Color Contrast Check

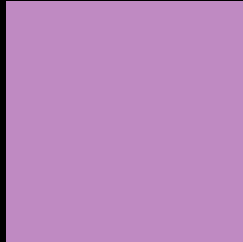
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 191, 138, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

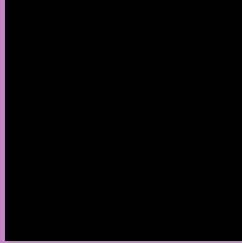
Any Text WCAG AA ✓ Pass

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](#).

RYB 191, 138, 194 Background



This preview shows how black text looks on a background with the RYB color 191, 138, 194.

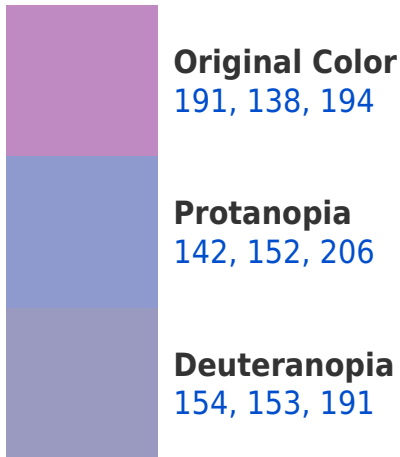



This preview shows how white text looks on a background with the RYB color 191, 138, 194.

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
186, 145, 156

Trichromacy



Original Color

191, 138, 194

Protanomaly

160, 148, 202

Deuteranomaly

167, 148, 192

Tritanomaly

188, 142, 170

Monochromacy



Original Color

191, 138, 194

Achromatopsia

160, 160, 160

Achromatomaly

171, 152, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 138, 194 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, 138, 194)` looks like.

```
.text, #text, p{  
    color:rgb(191, 138, 194)  
}
```

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, 138, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 138, 194) }
```

Border

The CSS property to change the border of an element to RYB 191, 138, 194 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, 138, 194) }
```

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

```
.border{ border-color:rgb(191, 138, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 138, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 138, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 138, 194);  
box-shadow:4px 4px 4px 4px rgb(191, 138,  
194) }
```

Background

The CSS property to change the background color of an element to RYB 191, 138, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 138, 194) }
```

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

```
.background{ background-color: rgb(191,  
138, 194) }
```

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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