

Converting Colors

`RYB(192, 159, 212)`

Have a look what the booklet for
RYB(192, 159, 212) contains.

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Color

R_YB(192, 159, 212)

Conversions

Conversions Part 1

Format	Color
Hex	C09FD4
RGB	192, 159, 212
RGB Percent	75%, 62%, 83%
CMY	0.2471, 0.3765, 0.1686
CMYK	0.09, 0.25, 0.00, 0.17
HSL	277°, 38%, 73%
HSV	277°, 25%, 83%
XYZ	46.0200, 40.7562, 67.7286
YIQ	174.9090, 2.6550, 23.4790

Conversions

Conversions Part 2

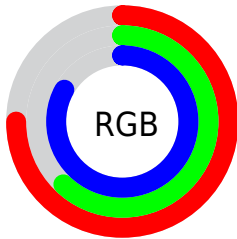
Format	Color
R_{YB}	192, 159, 212
Decimal	12623828
CIE _{Lab}	70.00, 21.91, -22.44
CIE _{LCh}	70, 31.364, 314.313
Yxy	40.7562, 0.2979, 0.2638
Android (android.graphics.Color)	4290813908 (0xFFC09FD4)
YUV	174.9090, 18.2859, 14.9888
Hunter-Lab	63.8406, 16.9522, -18.2124

Details

The RYB color **192, 159, 212** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **159, 212, 192**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **249, 214, 255**, and **138, 107, 157** is the 20% darker color. If you saturate the color by 10%, you get **184, 138, 212**, and if you desaturate by 10%, it is **200, 180, 212**.

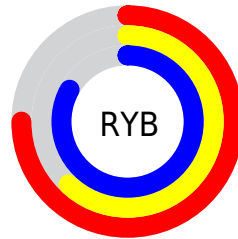
Distribution



Red (75%)

Green (62%)

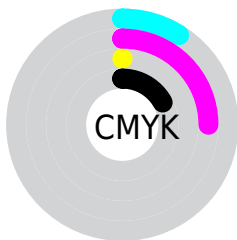
Blue (83%)



Red (75%)

Yellow (62%)

Blue (83%)

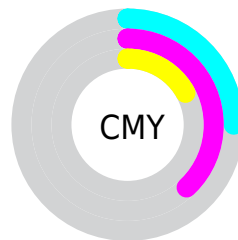


Cyan (9%)

Magenta (25%)

Yellow (0%)

Black (17%)



Cyan (25%)


Magenta (38%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 159, 212 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 192, 159, 212 by changing the saturation by 10% instead.


 192, 159, 212

255, 255, 255

 249, 214, 255

 255, 242, 255

 192, 159, 212


 165, 133, 184

 138, 107, 157

 112, 83, 131

 87, 59, 106

 63, 37, 81

 40, 16, 58

 23, 0, 37

 0, 0, 13

 0, 0, 0

192, 159, 212

192, 159, 212

184, 138, 212

200, 180, 212

176, 117, 212

208, 201, 212

168, 95, 212

212, 223, 219

160, 74, 212

212, 244, 232

152, 53, 212

212, 255, 235

144, 32, 212

212, 255, 227

136, 11, 212

212, 255, 219

132, 0, 212

212, 255, 212

Harmonies

Analogous

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



154, 166, 226



192, 159, 212



218, 151, 187

Triad

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



192, 159, 212



191, 204, 117



83, 136, 187

Complementary

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



192, 159, 212



159, 212, 192

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.



112, 159, 186



192, 159, 212



118, 177, 115

Square

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



192, 159, 212



222, 162, 133



130, 181, 166



80, 138, 210

Rectangle

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



192, 159, 212



226, 150, 168



130, 181, 166



91, 142, 187

Sweetspot

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



192, 159, 212



247, 235, 255



159, 174, 212



123, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



192, 159, 212



226, 179, 255



212, 159, 206



103, 96, 107



106, 0, 171



27, 0, 43

Inverse Universe

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



212, 159, 179



255, 179, 207



159, 207, 212



107, 96, 100



171, 0, 64



43, 0, 16

Previews

White Background



This preview shows how the RYB color 192, 159, 212 looks on a white background.

Color Contrast Check

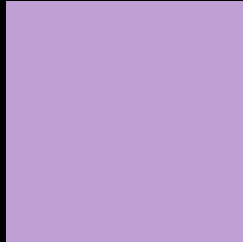
Large Text (above 18pt) WCAG AA × Fail

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 192, 159, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

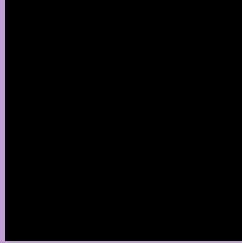
Any Text WCAG AA ✓ Pass

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 192, 159, 212 Background



This preview shows how black text looks on a background with the RYB color 192, 159, 212.

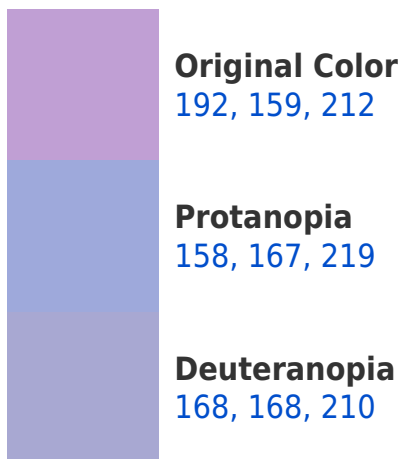



This preview shows how white text looks on a background with the RYB color 192, 159, 212.

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
187, 165, 178

Trichromacy



Original Color

192, 159, 212

Protanomaly

170, 165, 216

Deuteranomaly

177, 165, 211

Tritanomaly

189, 163, 190

Monochromacy



Original Color

192, 159, 212

Achromatopsia

175, 175, 175

Achromatomaly

181, 169, 188

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 159, 212 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(192, 159, 212)` looks like.

```
.text, #text, p{  
    color:rgb(192, 159, 212)  
}
```

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(192, 159, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 159, 212) }
```

Border

The CSS property to change the border of an element to RYB 192, 159, 212 is called "border". The border property can be set on classes, ids or directly on the HTML element.

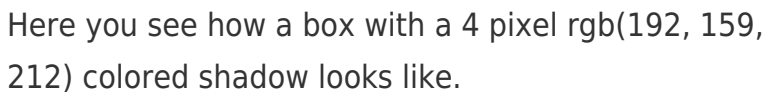
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 159, 212) }
```

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

```
.border{ border-color:rgb(192, 159, 212) }
```

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



Here you see how a box with a 4 pixel `rgb(192, 159, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 159, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 159, 212); box-shadow:4px 4px 4px 4px rgb(192, 159, 212) }
```

Background

The CSS property to change the background color of an element to RYB 192, 159, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 159, 212) }
```

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

```
.background{ background-color: rgb(192,  
159, 212) }
```

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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