

Converting Colors

`RYB(192, 139, 203)`

Have a look what the booklet for
RYB(192, 139, 203) contains.

RYB(192, 139, 203)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(192, 139, 203)

Conversions

Conversions Part 1

Format	Color
Hex	C08BCB
RGB	192, 139, 203
RGB Percent	75%, 55%, 80%
CMY	0.2471, 0.4549, 0.2039
CMYK	0.05, 0.32, 0.00, 0.20
HSL	290°, 38%, 67%
HSV	290°, 32%, 80%
XYZ	41.7503, 33.9835, 60.8589
YIQ	162.1430, 11.0440, 31.1400

Conversions

Conversions Part 2

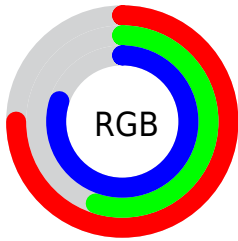
Format	Color
RYB	192, 139, 203
Decimal	12618699
CIELab	64.95, 31.16, -25.18
CIElCh	65, 40.063, 321.061
Yxy	33.9835, 0.3057, 0.2488
Android (android.graphics.Color)	4290808779 (0xFFC08BCB)
YUV	162.1430, 20.1425, 26.1846
Hunter-Lab	58.2954, 25.8223, -21.0905

Details

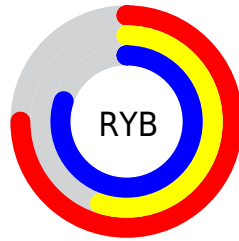
The RYB color **192, 139, 203** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **139, 203, 192**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **249, 193, 255**, and **138, 88, 149** is the 20% darker color. If you saturate the color by 10%, you get **189, 119, 203**, and if you desaturate by 10%, it is **195, 159, 203**.

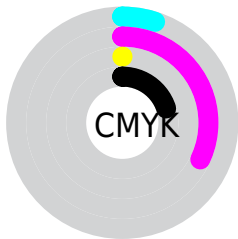
Distribution



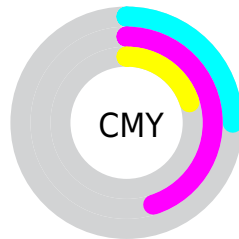
- Red (75%)
- Green (55%)
- Blue (80%)



- Red (75%)
- Yellow (55%)
- Blue (80%)



- Cyan (5%)
- Magenta (32%)
- Yellow (0%)
- Black (20%)



- Cyan (25%)
- Magenta (45%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 139, 203 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, 139, 203 by changing the saturation by 10% instead.

 192, 139, 203

255, 255, 255

 249, 193, 255


 255, 221, 255

 255, 250, 255


 192, 139, 203

 164, 113, 175

 138, 88, 149

 111, 64, 123

 86, 40, 98

 62, 17, 74


 39, 0, 51

 5, 0, 29

 0, 0, 0

 192, 139, 203

 192, 139, 203

 189, 119, 203


 195, 159, 203

 185, 98, 203


 199, 180, 203

 182, 78, 203


 202, 200, 203

 178, 58, 203

 203, 220, 217

 175, 37, 203

 203, 241, 235

 171, 17, 203

 203, 255, 245

 168, 0, 203

 203, 255, 242

 203, 255, 238

 203, 255, 235

Harmonies

Analogous

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



145, 151, 224



192, 139, 203



220, 130, 170

Triad

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



192, 139, 203



146, 190, 86



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.



192, 139, 203



139, 203, 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.



61, 127, 176



192, 139, 203



89, 163, 97

Square

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



192, 139, 203



215, 156, 103



111, 171, 169



0, 95, 212

Rectangle

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



192, 139, 203



226, 129, 146



111, 171, 169



0, 90, 176

Sweetspot

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



192, 139, 203



251, 232, 255



139, 149, 203



125, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



192, 139, 203



238, 158, 255



203, 139, 183



100, 92, 102



137, 0, 166



32, 0, 38

Inverse Universe

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



203, 139, 150



255, 158, 175



139, 188, 203



102, 92, 94



166, 0, 28



38, 0, 7

Previews

White Background



This preview shows how the RYB color 192, 139, 203 looks on a white background.

Color Contrast Check

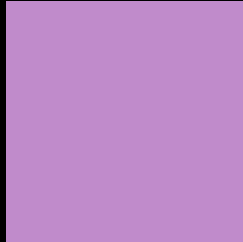
Large Text (above 18pt) WCAG AA × Fail

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, 139, 203 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, 139, 203 Background



This preview shows how black text looks on a background with the RYB color 192, 139, 203.

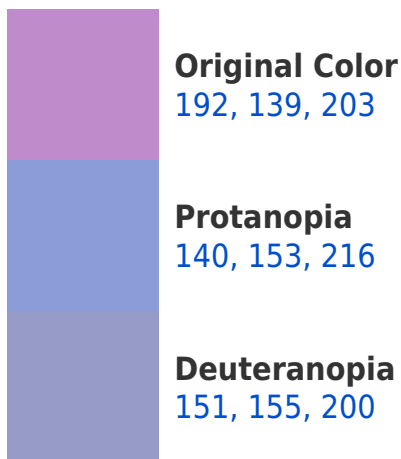



This preview shows how white text looks on a background with the RYB color 192, 139, 203.

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, 148, 159

Trichromacy



Original Color

192, 139, 203



Protanomaly

159, 150, 211



Deuteranomaly

166, 149, 201



Tritanomaly

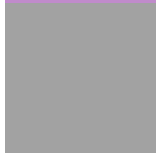
188, 145, 175

Monochromacy



Original Color

192, 139, 203



Achromatopsia

162, 162, 162



Achromatomaly

173, 154, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 139, 203 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, 139, 203)` looks like.

```
.text, #text, p{  
    color:rgb(192, 139, 203)  
}
```

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, 139, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 139, 203) }
```

Border

The CSS property to change the border of an element to RYB 192, 139, 203 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, 139, 203) }
```

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

```
.border{ border-color:rgb(192, 139, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 139, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 139, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 139, 203);  
box-shadow:4px 4px 4px 4px rgb(192, 139,  
203) }
```

Background

The CSS property to change the background color of an element to RYB 192, 139, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 139, 203) }
```

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

```
.background{ background-color: rgb(192,  
139, 203) }
```

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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