

Converting Colors

`RYB(192, 109, 199)`

Have a look what the booklet for
RYB(192, 109, 199) contains.

RYB(192, 109, 199)	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

RYB(192, 109, 199)

Conversions

Conversions Part 1

Format	Color
Hex	C06DC7
RGB	192, 109, 199
RGB Percent	75%, 43%, 78%
CMY	0.2471, 0.5725, 0.2196
CMYK	0.04, 0.45, 0.00, 0.22
HSL	295°, 45%, 60%
HSV	295°, 45%, 78%
XYZ	37.5157, 26.2673, 57.1256
YIQ	144.0770, 20.5780, 45.5860

Conversions

Conversions Part 2

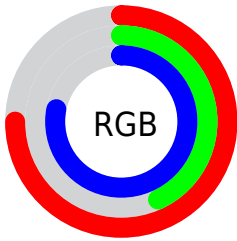
Format	Color
RYB	192, 109, 199
Decimal	12611015
CIELab	58.29, 46.56, -33.22
CIELCh	58, 57.193, 324.489
Yxy	26.2673, 0.3103, 0.2172
Android (android.graphics.Color)	4290801095 (0xFFC06DC7)
YUV	144.0770, 27.0770, 42.0285
Hunter-Lab	51.2516, 40.9699, -30.2092

Details

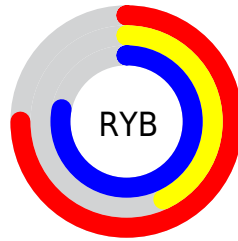
The RYB color **192, 109, 199** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **109, 199, 192**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **250, 163, 255**, and **136, 57, 145** is the 20% darker color. If you saturate the color by 10%, you get **190, 89, 199**, and if you desaturate by 10%, it is **194, 129, 199**.

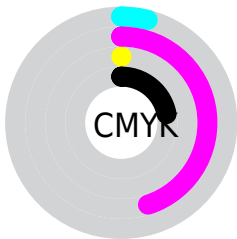
Distribution



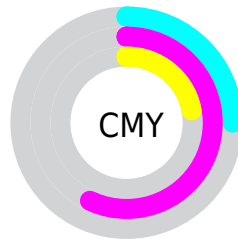
- Red (75%)
- Green (43%)
- Blue (78%)



- Red (75%)
- Yellow (43%)
- Blue (78%)



- Cyan (4%)
- Magenta (45%)
- Yellow (0%)
- Black (22%)



- Cyan (25%)
- Magenta (57%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 109, 199 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, 109, 199 by changing the saturation by 10% instead.

 192, 109, 199

255, 255, 255

 250, 163, 255

 255, 191, 255

 255, 219, 255

 255, 248, 255

 192, 109, 199

 164, 83, 171


 136, 57, 145

 110, 30, 119

 84, 0, 94

 58, 0, 70

 36, 0, 47

 0, 1, 25


 0, 0, 0

 192, 109, 199

 192, 109, 199

 190, 89, 199

 194, 129, 199

 189, 69, 199

 195, 149, 199

 187, 49, 199

 197, 169, 199

 186, 29, 199

 198, 189, 199

 184, 10, 199

 199, 209, 208

 184, 0, 199

 199, 228, 226

 199, 248, 244

 199, 255, 250

 199, 255, 248

Harmonies

Analogous

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



124, 131, 232



192, 109, 199



225, 94, 152

Triad

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



192, 109, 199



85, 174, 30



0, 86, 180

Complementary

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



192, 109, 199



109, 199, 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.



0, 91, 163



192, 109, 199



39, 150, 63

Square

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



192, 109, 199



210, 148, 59



59, 142, 159



0, 92, 221

Rectangle

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



192, 109, 199



231, 94, 118



59, 142, 159



0, 82, 164

Sweetspot

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



192, 109, 199



252, 219, 255



109, 115, 199



126, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



192, 109, 199



244, 117, 255



199, 109, 162



99, 90, 99



151, 0, 163



33, 0, 36

Inverse Universe

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



199, 109, 116



255, 117, 128



109, 172, 199



99, 90, 90



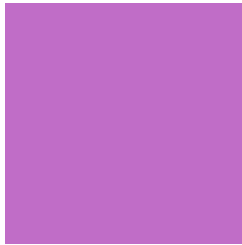
163, 0, 13



36, 0, 3

Previews

White Background



This preview shows how the RYB color 192, 109, 199 looks on a white background.

Color Contrast Check

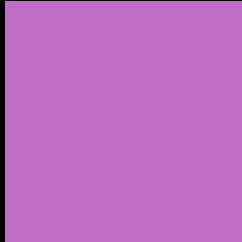
Large Text (above 18pt) WCAG AA ✓ Pass

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 192, 109, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

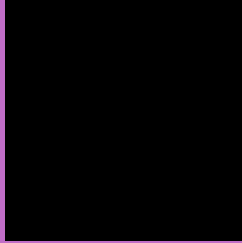
Any Text WCAG AA ✓ Pass

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 192, 109, 199 Background



This preview shows how black text looks on a background with the RYB color 192, 109, 199.

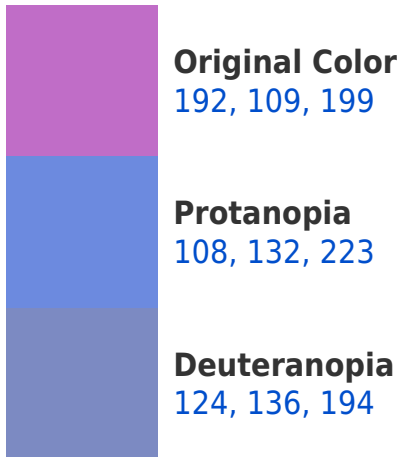


This preview shows how white text looks on a background with the RYB color 192, 109, 199.

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](#).

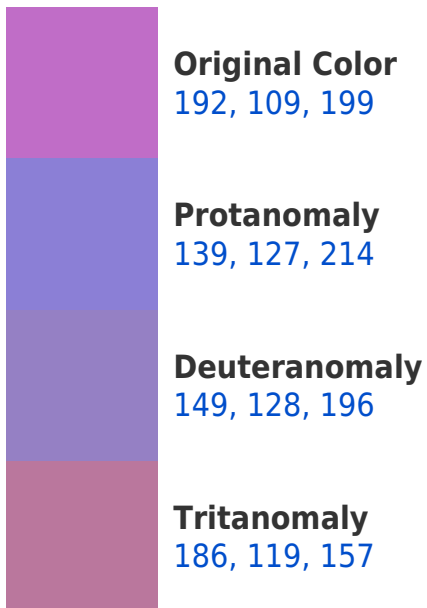
Dichromacy



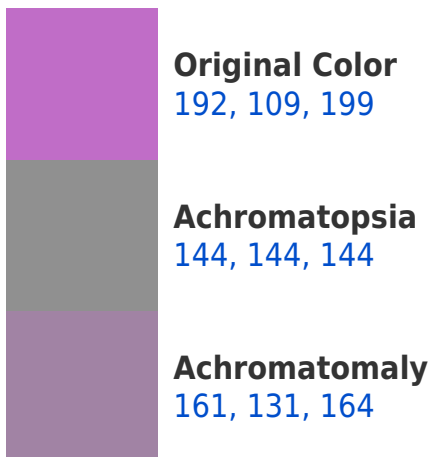


Tritanopia
183, 124, 133

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 109, 199 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, 109, 199)` looks like.

```
.text, #text, p{  
    color:rgb(192, 109, 199)  
}
```

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, 109, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 109, 199) }
```

Border

The CSS property to change the border of an element to RYB 192, 109, 199 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, 109, 199) }
```

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

```
.border{ border-color:rgb(192, 109, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 109, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 109, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 109, 199);  
box-shadow:4px 4px 4px 4px rgb(192, 109,  
199) }
```

Background

The CSS property to change the background color of an element to RYB 192, 109, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 109, 199) }
```

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

```
.background{ background-color: rgb(192,  
109, 199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor