

# Converting Colors

RGB(195, 142, 192)

Have a look what the booklet for  
RGB(195, 142, 192) contains.

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# **Color**

**RGB(195, 142, 192)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C38EC0
RGB	195, 142, 192
RGB Percent	76%, 56%, 75%
CMY	0.2353, 0.4431, 0.2471
CMYK	0.00, 0.27, 0.02, 0.24
HSL	303°, 31%, 66%
HSV	303°, 27%, 76%
XYZ	41.6931, 34.7539, 54.3799
YIQ	163.5470, 15.5380, 26.7860

# Conversions

## Conversions Part 2

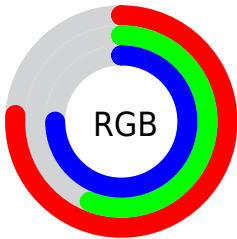
Format	Color
<a href="#">RYB</a>	<a href="#">195, 142, 192</a>
Decimal	<a href="#">12816064</a>
CIELab	<a href="#">65.56, 28.37, -18.07</a>
CIELCh	<a href="#">66, 33.634, 327.513</a>
Yxy	<a href="#">34.7539, 0.3187, 0.2656</a>
Android (android.graphics.Color)	<a href="#">4291006144 (0xFFC38EC0)</a>
YUV	<a href="#">163.5470, 14.0273, 27.5843</a>
Hunter-Lab	<a href="#">58.9524, 23.0744, -13.4246</a>

# Details

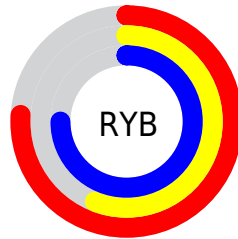
The RGB color **195, 142, 192** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **142, 195, 145**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **252, 196, 248**, and **141, 91, 138** is the 20% darker color. If you saturate the color by 10%, you get **195, 123, 191**, and if you desaturate by 10%, it is **195, 162, 193**.

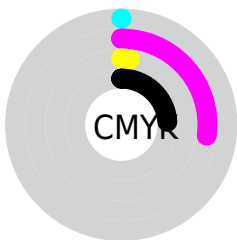
# Distribution



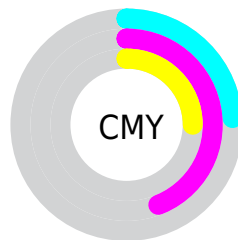
- Red (76%)
- Green (56%)
- Blue (75%)



- Red (76%)
- Yellow (56%)
- Blue (75%)



- Cyan (0%)
- Magenta (27%)
- Yellow (2%)
- Black (24%)



- Cyan (24%)
- Magenta (44%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 195, 142, 192 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 RGB color 195, 142, 192 by changing the saturation by 10% instead.



 195, 142, 192


255, 255, 255


 252, 196, 248


 255, 224, 255

 255, 253, 255


 195, 142, 192

 167, 116, 165

 141, 91, 138

 114, 67, 113

 89, 43, 88

 65, 20, 65

 42, 0, 43

 12, 0, 22

 0, 0, 0

 195, 142, 192


 195, 142, 192

 195, 123, 191


 195, 162, 193

 195, 103, 190

 195, 181, 194

 195, 84, 189


 195, 201, 195

 195, 64, 188

 195, 220, 196

 195, 45, 186

 195, 240, 198

 195, 25, 185

 195, 255, 199

 195, 6, 184

 195, 255, 200

 195, 0, 184

 195, 255, 201

 195, 255, 202

# Harmonies

## Analogous

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



159, 152, 213



195, 142, 192



215, 136, 163

# Triad

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



195, 142, 192



182, 156, 99



46, 175, 186

# Complementary

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



195, 142, 192



142, 195, 145

# 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.



77, 175, 156



195, 142, 192



151, 166, 105

# Square

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



195, 142, 192



206, 146, 109



115, 172, 126



64, 171, 209

# Rectangle

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



195, 142, 192



219, 137, 143



115, 172, 126



54, 175, 176



# Sweetspot

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



195, 142, 192



252, 232, 251



145, 142, 195



128, 115, 127



0, 0, 0



128, 128, 128



# Same Dimension

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



195, 142, 192



252, 169, 248



195, 142, 166



97, 87, 96



161, 0, 152



33, 0, 31



# Inverse Universe

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



195, 142, 192



252, 169, 248



142, 195, 171



97, 87, 96



161, 0, 152

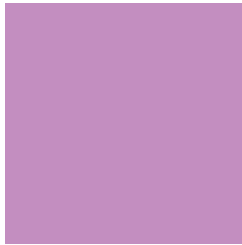


33, 0, 31



# Previews

## White Background



This preview shows how the RGB color 195, 142, 192 looks on a white background.

## Color Contrast Check

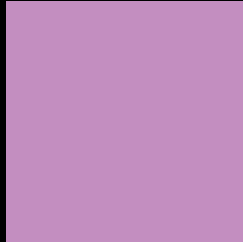
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the RGB color 195, 142, 192 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

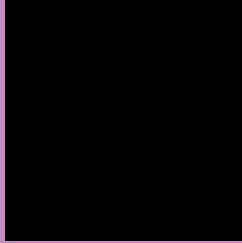
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 195, 142, 192 Background



This preview shows how black text looks on a background with the RGB color 195, 142, 192.

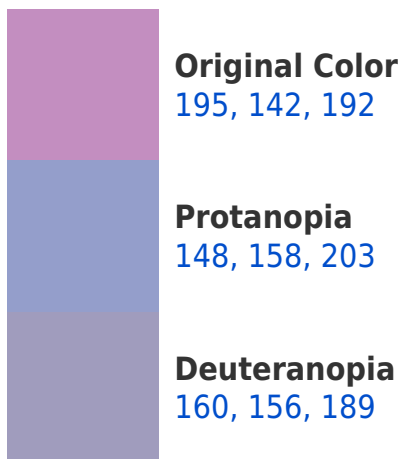


This preview shows how white text looks on a background with the RGB color 195, 142, 192.

# 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**  
191, 148, 160

# Trichromacy



**Original Color**  
195, 142, 192

**Protanomaly**  
165, 152, 199

**Deuteranomaly**  
173, 151, 190

**Tritanomaly**  
192, 146, 172

# Monochromacy



**Original Color**  
195, 142, 192

**Achromatopsia**  
164, 164, 164

**Achromatomaly**  
175, 156, 174

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 195, 142, 192 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(195, 142, 192)` looks like.

```
.text, #text, p{  
    color:rgb(195, 142, 192)  
}
```

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(195, 142, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 142, 192) }
```

## Border

The CSS property to change the border of an element to RGB 195, 142, 192 is called "border". The border property can be set on classes, ids or directly on the HTML element.

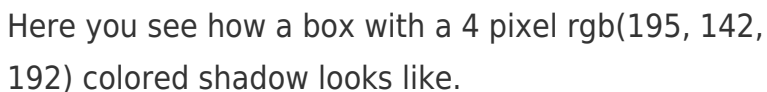
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 142, 192) }
```

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

```
.border{ border-color:rgb(195, 142, 192) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 142, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 142, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 142, 192);  
box-shadow:4px 4px 4px 4px rgb(195, 142,  
192) }
```

# Background

The CSS property to change the background color of an element to RGB 195, 142, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 142, 192) }
```

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

```
.background{ background-color: rgb(195,  
142, 192) }
```

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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