

# Converting Colors

RGB(195, 166, 204)

Have a look what the booklet for  
RGB(195, 166, 204) contains.

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# **Color**

**RGB(195, 166, 204)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C3A6CC
RGB	195, 166, 204
RGB Percent	76%, 65%, 80%
CMY	0.2353, 0.3490, 0.2000
CMYK	0.04, 0.19, 0.00, 0.20
HSL	286°, 27%, 73%
HSV	286°, 19%, 80%
XYZ	47.0410, 43.2342, 62.9924
YIQ	179.0030, 5.0860, 17.9660

# Conversions

## Conversions Part 2

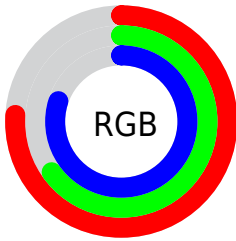
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">195, 166, 204</a>
Decimal	<a href="#">12822220</a>
<a href="#">CIELab</a>	<a href="#">71.71, 17.43, -15.42</a>
<a href="#">CIELCh</a>	<a href="#">72, 23.269, 318.496</a>
<a href="#">Yxy</a>	<a href="#">43.2342, 0.3069, 0.2821</a>
Android ( <a href="#">android.graphics.Color</a> )	<a href="#">4291012300</a> ( <a href="#">0xFFC3A6CC</a> )
<a href="#">YUV</a>	<a href="#">179.0030, 12.3235, 14.0294</a>
<a href="#">Hunter-Lab</a>	<a href="#">65.7527, 12.6357, -10.7742</a>

# Details

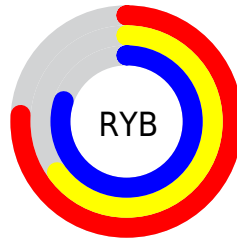
The RGB color **195, 166, 204** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **175, 204, 166**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **252, 221, 255**, and **141, 114, 150** is the 20% darker color. If you saturate the color by 10%, you get **190, 146, 204**, and if you desaturate by 10%, it is **200, 186, 204**.

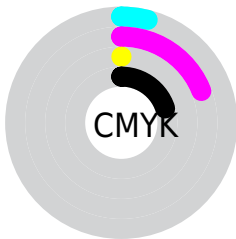
# Distribution



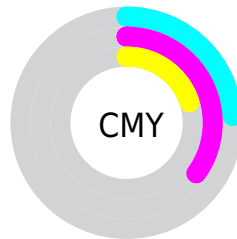
- Red (76%)
- Green (65%)
- Blue (80%)



- Red (76%)
- Yellow (65%)
- Blue (80%)



- Cyan (4%)
- Magenta (19%)
- Yellow (0%)
- Black (20%)



- Cyan (24%)
- Magenta (35%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 195, 166, 204 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, 166, 204 by changing the saturation by 10% instead.




 195, 166, 204


255, 255, 255

 252, 221, 255

 255, 250, 255

 195, 166, 204


 168, 140, 177

 141, 114, 150

 115, 89, 124

 90, 66, 99

 67, 43, 75

 44, 22, 52


 26, 0, 31


 0, 0, 3

 0, 0, 0

 195, 166, 204


 195, 166, 204

 190, 146, 204

 200, 186, 204

 185, 125, 204


 205, 207, 204

 181, 105, 204

 209, 227, 204

 176, 84, 204


 214, 248, 204

 171, 64, 204

 219, 255, 204

 166, 44, 204

 224, 255, 204

 161, 23, 204

 229, 255, 204

 156, 3, 204

 234, 255, 204

 156, 0, 204

 238, 255, 204

# Harmonies

## Analogous

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



168, 173, 216



195, 166, 204



213, 161, 185

# Triad

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



195, 166, 204



199, 172, 134



117, 188, 188

# Complementary

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



195, 166, 204



175, 204, 166

# 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.



131, 187, 167



195, 166, 204



178, 178, 135

# Square

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



195, 166, 204



214, 165, 145



154, 184, 147



119, 185, 207

# Rectangle

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



195, 166, 204



219, 160, 170



154, 184, 147



120, 188, 181



# Sweetspot

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



195, 166, 204



251, 240, 255



166, 176, 204



125, 119, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



195, 166, 204



242, 199, 255



204, 166, 195



100, 92, 102



126, 0, 166



29, 0, 38



# Inverse Universe

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



204, 166, 175



255, 199, 212



166, 204, 176



102, 92, 94



166, 0, 39



38, 0, 9



# Previews

## White Background



This preview shows how the RGB color 195, 166, 204 looks on a white background.

## Color Contrast Check

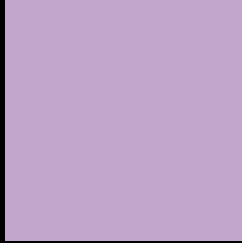
Large Text (above 18pt) WCAG AA × Fail

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, 166, 204 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

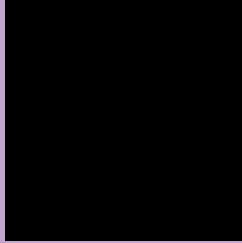
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 195, 166, 204 Background



This preview shows how black text looks on a background with the RGB color 195, 166, 204.

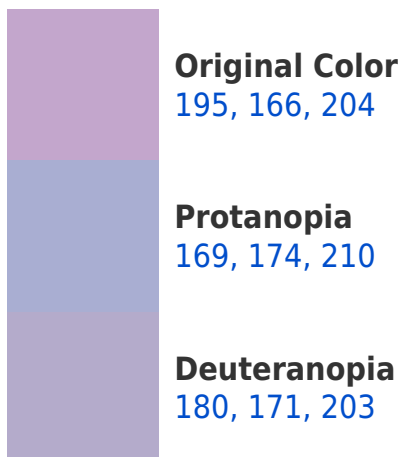


This preview shows how white text looks on a background with the RGB color 195, 166, 204.

# 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**  
192, 170, 183

# Trichromacy



**Original Color**  
195, 166, 204

**Protanomaly**  
178, 171, 208

**Deuteranomaly**  
185, 169, 203

**Tritanomaly**  
193, 169, 191

# Monochromacy



**Original Color**  
195, 166, 204

**Achromatopsia**  
179, 179, 179

**Achromatomaly**  
185, 174, 188

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 195, 166, 204 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, 166, 204)` looks like.

```
.text, #text, p{  
    color:rgb(195, 166, 204)  
}
```

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, 166, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 166, 204) }
```

## Border

The CSS property to change the border of an element to RGB 195, 166, 204 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, 166, 204) }
```

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

```
.border{ border-color:rgb(195, 166, 204) }
```

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

Here you see how a box with a 4 pixel rgb(195, 166, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 166, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 166, 204);  
box-shadow:4px 4px 4px 4px rgb(195, 166,  
204) }
```

# Background

The CSS property to change the background color of an element to RGB 195, 166, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 166, 204) }
```

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

```
.background{ background-color: rgb(195,  
166, 204) }
```

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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