

Converting Colors

RGB(195, 110, 168)

Have a look what the booklet for
RGB(195, 110, 168) contains.

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Color

RGB(195, 110, 168)

Conversions

Conversions Part 1

Format	Color
Hex	C36EA8
RGB	195, 110, 168
RGB Percent	76%, 43%, 66%
CMY	0.2353, 0.5686, 0.3412
CMYK	0.00, 0.44, 0.14, 0.24
HSL	319°, 41%, 60%
HSV	319°, 44%, 76%
XYZ	35.1495, 25.5811, 40.1309
YIQ	142.0270, 32.0420, 36.0580

Conversions

Conversions Part 2

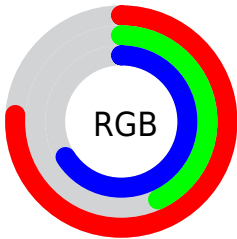
Format	Color
R_{YB}	195, 110, 168
Decimal	12807848
CIE _{Lab}	57.64, 41.49, -16.43
CIE _{LCh}	58, 44.626, 338.391
Yxy	25.5811, 0.3485, 0.2536
Android (android.graphics.Color)	4290997928 (0xFFC36EA8)
YUV	142.0270, 12.8047, 46.4573
Hunter-Lab	50.5778, 35.5391, -11.6391

Details

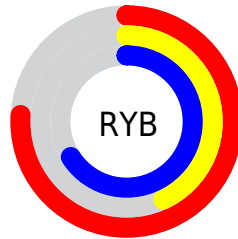
The RGB color **195, 110, 168** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **110, 195, 137**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **253, 164, 223**, and **139, 59, 116** is the 20% darker color. If you saturate the color by 10%, you get **195, 91, 162**, and if you desaturate by 10%, it is **195, 130, 174**.

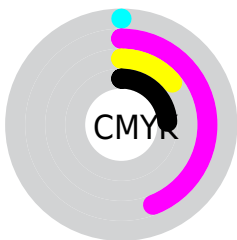
Distribution



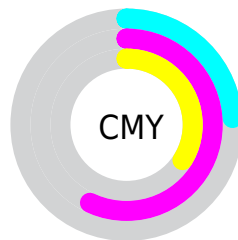
- Red (76%)
- Green (43%)
- Blue (66%)



- Red (76%)
- Yellow (43%)
- Blue (66%)



- Cyan (0%)
- Magenta (44%)
- Yellow (14%)
- Black (24%)




- Cyan (24%)
- Magenta (57%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 195, 110, 168 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, 110, 168 by changing the saturation by 10% instead.

 195, 110, 168

255, 255, 255

 253, 164, 223

 255, 191, 252

 255, 220, 255

 255, 249, 255

 195, 110, 168

 167, 84, 142

 139, 59, 116

 113, 33, 91

 87, 1, 68

 61, 0, 45

 39, 0, 25

 0, 0, 0

 195, 110, 168

 195, 91, 162

 195, 110, 168

 195, 130, 174

195, 71, 156

195, 149, 180

195, 51, 149

195, 169, 187

195, 32, 143

195, 188, 193

195, 12, 137

195, 207, 199

195, 0, 133

195, 227, 205

195, 246, 211

195, 255, 218

195, 255, 224

Harmonies

Analogous

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



156, 124, 200



195, 110, 168



211, 105, 129

Triad

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



195, 110, 168



151, 140, 58



0, 156, 186

Complementary

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



195, 110, 168



110, 195, 137

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, 158, 149



195, 110, 168



109, 150, 75

Square

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



195, 110, 168



184, 126, 65



51, 156, 108



0, 150, 210

Rectangle

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



195, 110, 168



210, 109, 104



51, 156, 108



0, 158, 174

Sweetspot

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



195, 110, 168



252, 220, 242



137, 110, 195



128, 107, 121



0, 0, 0



128, 128, 128

Same Dimension

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



195, 110, 168



252, 121, 211



195, 110, 126



97, 87, 94



161, 0, 110



33, 0, 23

Inverse Universe

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



195, 110, 168



252, 121, 211



110, 195, 179



97, 87, 94



161, 0, 110



33, 0, 23

Previews

White Background



This preview shows how the RGB color 195, 110, 168 looks on a white background.

Color Contrast Check

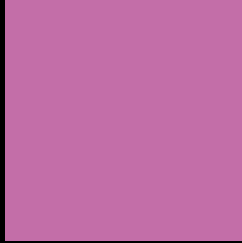
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 195, 110, 168 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](#).

RGB 195, 110, 168 Background



This preview shows how black text looks on a background with the RGB color 195, 110, 168.

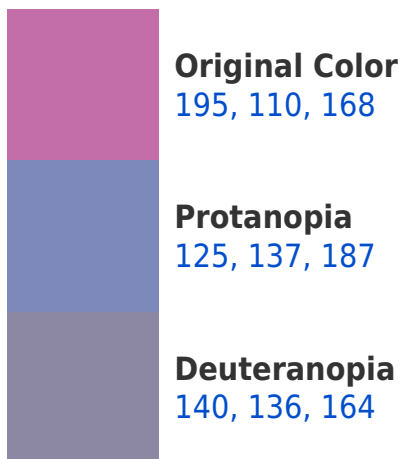



This preview shows how white text looks on a background with the RGB color 195, 110, 168.

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
190, 118, 127

Trichromacy



Original Color

195, 110, 168



Protanomaly

150, 127, 180



Deuteranomaly

160, 127, 165



Tritanomaly

192, 115, 142

Monochromacy



Original Color

195, 110, 168



Achromatopsia

142, 142, 142



Achromatomaly

161, 130, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 195, 110, 168 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, 110, 168)` looks like.

```
.text, #text, p{  
    color:rgb(195, 110, 168)  
}
```

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, 110, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 110, 168) }
```

Border

The CSS property to change the border of an element to RGB 195, 110, 168 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, 110, 168) }
```

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

```
.border{ border-color:rgb(195, 110, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 110, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 110, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 110, 168);  
box-shadow:4px 4px 4px 4px rgb(195, 110,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 195, 110, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 110, 168) }
```

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

```
.background{ background-color: rgb(195,  
110, 168) }
```

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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