

Converting Colors

RGB(196, 110, 118)

Have a look what the booklet for
RGB(196, 110, 118) contains.

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Color

RGB(196, 110, 118)

Conversions

Conversions Part 1

Format	Color
Hex	C46E76
RGB	196, 110, 118
RGB Percent	77%, 43%, 46%
CMY	0.2314, 0.5686, 0.5373
CMYK	0.00, 0.44, 0.40, 0.23
HSL	354°, 42%, 60%
HSV	354°, 44%, 77%
XYZ	31.6109, 24.1956, 20.1437
YIQ	136.6260, 48.6880, 20.7200

Conversions

Conversions Part 2

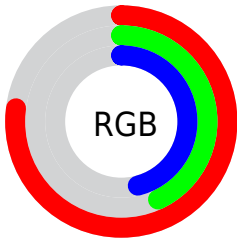
Format	Color
R_{YB}	196, 110, 118
Decimal	12873334
CIE _{Lab}	56.28, 34.85, 10.67
CIE _{LCh}	56, 36.450, 17.013
Yxy	24.1956, 0.4162, 0.3186
Android (android.graphics.Color)	4291063414 (0xFFC46E76)
YUV	136.6260, -9.1826, 52.0710
Hunter-Lab	49.1891, 28.6306, 10.1522

Details

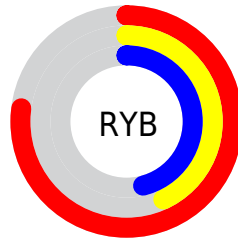
The RGB color **196, 110, 118** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **110, 196, 188**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **255, 163, 170**, and **139, 60, 70** is the 20% darker color. If you saturate the color by 10%, you get **196, 90, 100**, and if you desaturate by 10%, it is **196, 130, 136**.

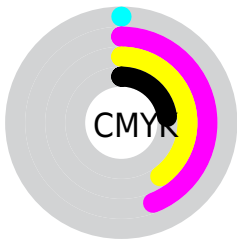
Distribution



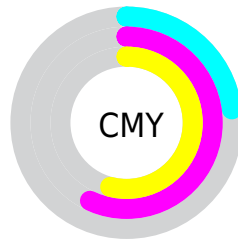
- Red (77%)
- Green (43%)
- Blue (46%)



- Red (77%)
- Yellow (43%)
- Blue (46%)



- Cyan (0%)
- Magenta (44%)
- Yellow (40%)
- Black (23%)



- Cyan (23%)
- Magenta (57%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 196, 110, 118 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 196, 110, 118 by changing the saturation by 10% instead.

 196, 110, 118

255, 255, 255

 255, 163, 170

 255, 191, 197

 255, 219, 225

 255, 248, 254

 196, 110, 118

 167, 85, 93

 139, 60, 70

 112, 35, 48

 85, 7, 27

 60, 0, 0

 33, 0, 1

 0, 0, 0

 196, 110, 118

 196, 90, 100


 196, 110, 118

 196, 130, 136


 196, 71, 82

 196, 149, 154

 196, 51, 65

 196, 169, 171

 196, 32, 47

 196, 188, 189

 196, 12, 29

 196, 208, 207

 196, 0, 18

 196, 228, 225

 196, 247, 242

 196, 255, 255

Harmonies

Analogous

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



187, 111, 150



196, 110, 118



188, 117, 90

Triad

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



196, 110, 118



101, 146, 90



54, 142, 196

Complementary

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



196, 110, 118



110, 196, 188

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, 149, 180



196, 110, 118



56, 151, 120

Square

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



196, 110, 118



137, 139, 73



0, 152, 152



117, 132, 195

Rectangle

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



196, 110, 118



175, 125, 77



0, 152, 152



20, 145, 193

Sweetspot

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



196, 110, 118



255, 222, 225



187, 110, 196



128, 107, 109



0, 0, 0



128, 128, 128

Same Dimension

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



196, 110, 118



255, 120, 132



196, 144, 110



97, 87, 88



161, 0, 15



33, 0, 3

Inverse Universe

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



196, 110, 118



255, 120, 132



110, 162, 196



97, 87, 88



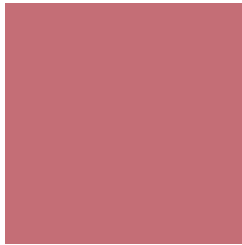
161, 0, 15



33, 0, 3

Previews

White Background



This preview shows how the RGB color 196, 110, 118 looks on a white background.

Color Contrast Check

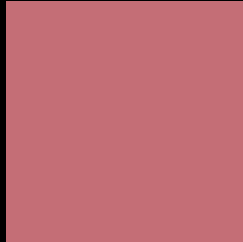
Large Text (above 18pt) WCAG AA ✓ Pass

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 196, 110, 118 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 196, 110, 118 Background



This preview shows how black text looks on a background with the RGB color 196, 110, 118.

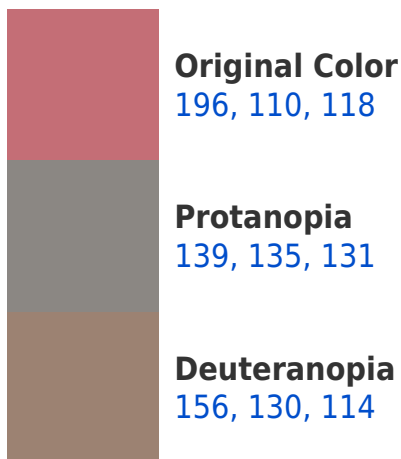


This preview shows how white text looks on a background with the RGB color 196, 110, 118.

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
196, 110, 118

Trichromacy



Original Color
196, 110, 118

Protanomaly
160, 126, 126

Deuteranomaly
171, 123, 115

Tritanomaly
196, 110, 118

Monochromacy



Original Color
196, 110, 118

Achromatopsia
137, 137, 137

Achromatomaly
158, 127, 130

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 110, 118 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(196, 110, 118)` looks like.

```
.text, #text, p{  
    color:rgb(196, 110, 118)  
}
```

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(196, 110, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 110, 118) }
```

Border

The CSS property to change the border of an element to RGB 196, 110, 118 is called "border". The border property can be set on classes, ids or directly on the HTML element.

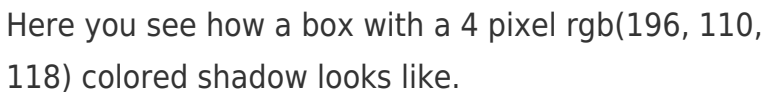
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 110, 118) }
```

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

```
.border{ border-color:rgb(196, 110, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 110, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 110, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 110, 118); box-shadow:4px 4px 4px 4px rgb(196, 110, 118) }
```

Background

The CSS property to change the background color of an element to RGB 196, 110, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 110, 118) }
```

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

```
.background{ background-color: rgb(196,  
110, 118) }
```

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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