

Converting Colors

RGB(202, 115, 126)

Have a look what the booklet for
RGB(202, 115, 126) contains.

RGB(202, 115, 126)	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

RGB(202, 115, 126)

Conversions

Conversions Part 1

Format	Color
Hex	CA737E
RGB	202, 115, 126
RGB Percent	79%, 45%, 49%
CMY	0.2078, 0.5490, 0.5059
CMYK	0.00, 0.43, 0.38, 0.21
HSL	352°, 45%, 62%
HSV	352°, 43%, 79%
XYZ	34.2538, 26.3244, 23.0144
YIQ	142.2670, 48.3210, 21.8650

Conversions

Conversions Part 2

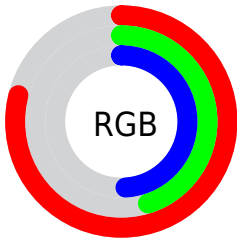
Format	Color
R_{YB}	202, 115, 126
Decimal	13267838
CIE _{Lab}	58.34, 35.37, 9.04
CIE _{LCh}	58, 36.508, 14.341
Yxy	26.3244, 0.4098, 0.3149
Android (android.graphics.Color)	4291457918 (0xFFCA737E)
YUV	142.2670, -8.0196, 52.3858
Hunter-Lab	51.3073, 29.3823, 9.3200

Details

The RGB color **202, 115, 126** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **115, 202, 191**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **255, 168, 179**, and **145, 64, 77** is the 20% darker color. If you saturate the color by 10%, you get **202, 95, 108**, and if you desaturate by 10%, it is **202, 135, 144**.

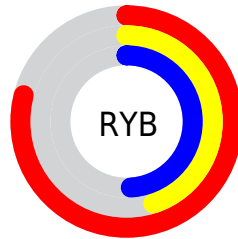
Distribution



Red (79%)

Green (45%)

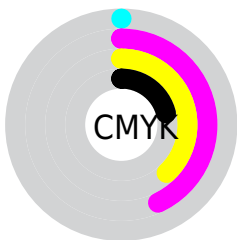
Blue (49%)



Red (79%)

Yellow (45%)

Blue (49%)

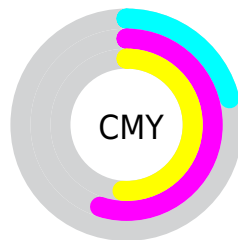


Cyan (0%)

Magenta (43%)

Yellow (38%)

Black (21%)



Cyan (21%)

Magenta (55%)

Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the RGB color 202, 115, 126 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 202, 115, 126 by changing the saturation by 10% instead.

 202, 115, 126


255, 255, 255

 255, 168, 179

 255, 196, 206


 255, 224, 234


 255, 253, 255

 202, 115, 126

 173, 89, 101

 145, 64, 77

 118, 40, 55

 91, 13, 33


 64, 0, 11


 41, 0, 1

 0, 0, 0

 202, 115, 126


 202, 95, 108


 202, 115, 126


 202, 135, 144

 202, 75, 91


 202, 155, 161

 202, 54, 73

 202, 176, 179

 202, 34, 55

 202, 196, 197

 202, 14, 38

 202, 216, 214

 202, 0, 26

 202, 236, 232

 202, 255, 250

 202, 255, 255

Harmonies

Analogous

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



192, 117, 158



202, 115, 126



195, 122, 97

Triad

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



202, 115, 126



110, 151, 93



55, 148, 201

Complementary

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



202, 115, 126



115, 202, 191

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, 155, 184



202, 115, 126



66, 156, 122

Square

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



202, 115, 126



145, 143, 77



0, 157, 155



118, 138, 202

Rectangle

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



202, 115, 126



183, 129, 83



0, 157, 155



23, 151, 197

Sweetspot

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



202, 115, 126



255, 222, 226



190, 115, 202



128, 107, 110



0, 0, 0



128, 128, 128

Same Dimension

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



202, 115, 126



255, 122, 139



202, 147, 115



102, 92, 93



166, 0, 21



38, 0, 5

Inverse Universe

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



202, 115, 126



255, 122, 139



115, 170, 202



102, 92, 93



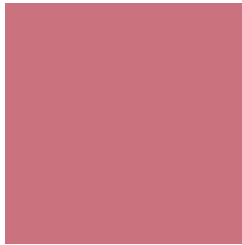
166, 0, 21



38, 0, 5

Previews

White Background



This preview shows how the RGB color 202, 115, 126 looks on a white background.

Color Contrast Check

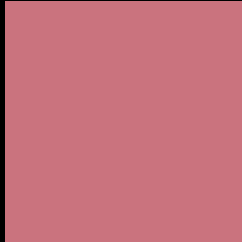
Large Text (above 18pt) WCAG AA ✓ Pass

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 202, 115, 126 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 202, 115, 126 Background



This preview shows how black text looks on a background with the RGB color 202, 115, 126.

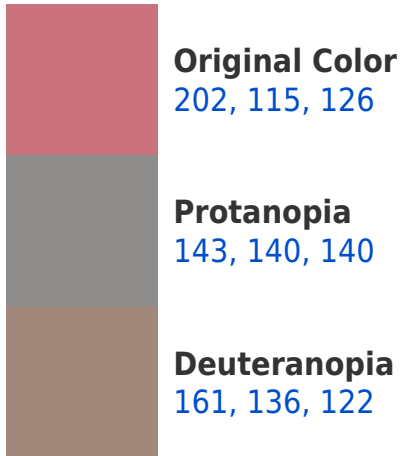



This preview shows how white text looks on a background with the RGB color 202, 115, 126.

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
202, 115, 124

Trichromacy



Original Color
202, 115, 126

Protanomaly
164, 131, 135

Deuteranomaly
176, 128, 123

Tritanomaly
202, 115, 125

Monochromacy



Original Color
202, 115, 126

Achromatopsia
142, 142, 142

Achromatomaly
164, 132, 136

CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 115, 126 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(202, 115, 126) looks like.

```
.text, #text, p{  
    color:rgb(202, 115, 126)  
}
```

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(202, 115, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 115, 126) }
```

Border

The CSS property to change the border of an element to RGB 202, 115, 126 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(202, 115, 126) }
```

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

```
.border{ border-color:rgb(202, 115, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 115, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 115, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 115, 126);  
box-shadow:4px 4px 4px 4px rgb(202, 115,  
126) }
```

Background

The CSS property to change the background color of an element to RGB 202, 115, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 115, 126) }
```

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

```
.background{ background-color: rgb(202,  
115, 126) }
```

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