

Converting Colors

RGB(206, 108, 91)

Have a look what the booklet for
RGB(206, 108, 91) contains.

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Color

RGB(206, 108, 91)

Conversions

Conversions Part 1

Format	Color
Hex	CE6C5B
RGB	206, 108, 91
RGB Percent	81%, 42%, 36%
CMY	0.1922, 0.5765, 0.6431
CMYK	0.00, 0.48, 0.56, 0.19
HSL	9°, 54%, 58%
HSV	9°, 56%, 81%
XYZ	32.7045, 24.6023, 12.9225
YIQ	135.3640, 63.8650, 15.4890

Conversions

Conversions Part 2

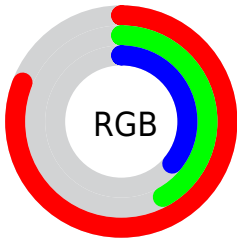
Format	Color
R _Y B	206, 111, 91
Decimal	13528155
CIE Lab	56.69, 37.07, 27.03
CIE LCh	57, 45.879, 36.103
Yxy	24.6023, 0.4657, 0.3503
Android (android.graphics.Color)	4291718235 (0xFFCE6C5B)
YUV	135.3640, -21.8715, 61.9478
Hunter-Lab	49.6007, 30.8938, 19.2736

Details

The RGB color **206, 108, 91** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **91, 189, 206**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **255, 161, 141**, and **147, 57, 45** is the 20% darker color. If you saturate the color by 10%, you get **206, 90, 70**, and if you desaturate by 10%, it is **206, 126, 112**.

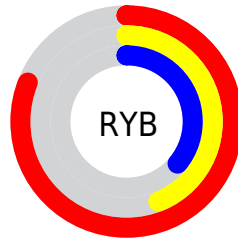
Distribution



Red (81%)

Green (42%)

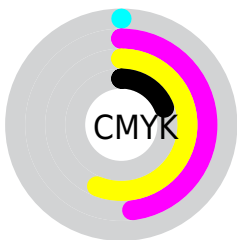
Blue (36%)



Red (81%)

Yellow (44%)

Blue (36%)

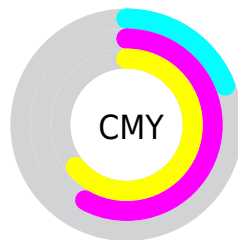


Cyan (0%)

Magenta (48%)

Yellow (56%)

Black (19%)



Cyan (19%)

Magenta (58%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the RGB color 206, 108, 91 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 206, 108, 91 by changing the saturation by 10% instead.


 206, 108, 91  206, 108, 91


255, 255, 255  176, 82, 67

 255, 161, 141  147, 57, 45

 255, 189, 168  118, 32, 24

 255, 217, 195  91, 2, 0

 255, 246, 223  63, 0, 0

 255, 255, 252  36, 0, 1

 0, 0, 0


 206, 108, 91  206, 108, 91

 206, 90, 70  206, 126, 112


 206, 73, 50

 206, 143, 132

 206, 55, 29

 206, 161, 153

 206, 38, 9

 206, 178, 173

 206, 30, 0

 206, 196, 194

 206, 213, 215

 206, 231, 235

 206, 248, 255

 206, 255, 255

Harmonies

Analogous

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



210, 101, 129



206, 108, 91



185, 122, 62

Triad

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



206, 108, 91



50, 154, 102



78, 138, 215

Complementary

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



206, 108, 91



91, 189, 206

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, 208



206, 108, 91



0, 156, 143

Square

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



206, 108, 91



109, 147, 68



0, 155, 182



149, 122, 201

Rectangle

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



206, 108, 91



163, 132, 53



0, 155, 182



36, 142, 215

Sweetspot

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



206, 108, 91



255, 218, 212



206, 91, 191



128, 106, 102



0, 0, 0



128, 128, 128

Same Dimension

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



206, 108, 91



255, 109, 84



206, 164, 91



102, 93, 92



166, 25, 0



38, 6, 0

Inverse Universe

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



91, 189, 206



84, 230, 255



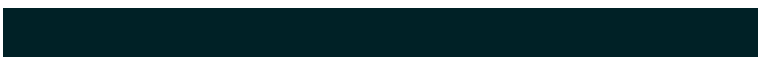
91, 133, 206



92, 100, 102



0, 141, 166



0, 33, 38

Previews

White Background



This preview shows how the RGB color 206, 108, 91 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 206, 108, 91 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 206, 108, 91 Background



This preview shows how black text looks on a background with the RGB color 206, 108, 91.



This preview shows how white text looks on a background with the RGB color 206, 108, 91.

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



Original Color
206, 108, 91

Protanopia
146, 136, 103

Deuteranopia
165, 130, 87



Tritanopia
207, 105, 112

Trichromacy



Original Color

206, 108, 91

Protanomaly

168, 126, 99

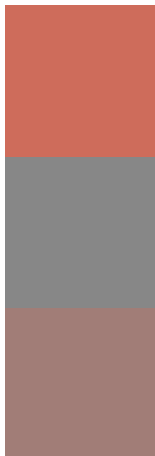
Deuteranomaly

180, 122, 88

Tritanomaly

207, 106, 104

Monochromacy



Original Color

206, 108, 91

Achromatopsia

135, 135, 135

Achromatomaly

161, 125, 119

CSS Examples

Text

The CSS property to change the color of the text to RGB 206, 108, 91 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(206, 108, 91)` looks like.

```
.text, #text, p{  
    color:rgb(206, 108, 91)  
}
```

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(206, 108, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 108, 91) }
```

Border

The CSS property to change the border of an element to RGB 206, 108, 91 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(206, 108, 91) }
```

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

```
.border{ border-color:rgb(206, 108, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 108, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 108, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 108, 91);  
box-shadow:4px 4px 4px 4px rgb(206, 108,  
91) }
```

Background

The CSS property to change the background color of an element to RGB 206, 108, 91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 108, 91) }
```

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

```
.background{ background-color: rgb(206,  
108, 91) }
```

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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