

Converting Colors

RGB(212, 111, 78)

Have a look what the booklet for
RGB(212, 111, 78) contains.

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Color

RGB(212, 111, 78)

Conversions

Conversions Part 1

Format	Color
Hex	D46F4E
RGB	212, 111, 78
RGB Percent	83%, 44%, 31%
CMY	0.1686, 0.5647, 0.6941
CMYK	0.00, 0.48, 0.63, 0.17
HSL	15°, 61%, 57%
HSV	15°, 63%, 83%
XYZ	34.2110, 25.9160, 10.4069
YIQ	137.4370, 70.7890, 11.1490

Conversions

Conversions Part 2

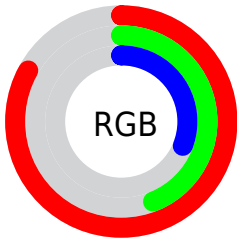
Format	Color
R _Y B	212, 122, 78
Decimal	13922126
CIE Lab	57.96, 36.89, 36.07
CIE LCh	58, 51.592, 44.358
Yxy	25.9160, 0.4850, 0.3674
Android (android.graphics.Color)	4292112206 (0xFFD46F4E)
YUV	137.4370, -29.3024, 65.3918
Hunter-Lab	50.9077, 30.8668, 23.5150

Details

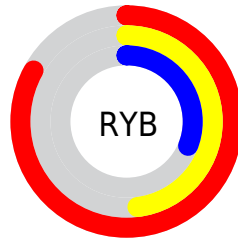
The RGB color **212, 111, 78** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **78, 179, 212**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **255, 164, 128**, and **152, 60, 32** is the 20% darker color. If you saturate the color by 10%, you get **212, 95, 57**, and if you desaturate by 10%, it is **212, 127, 99**.

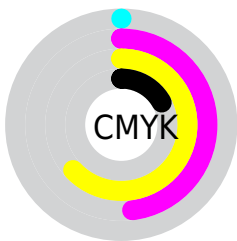
Distribution



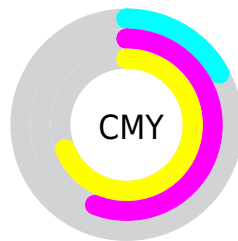
- Red (83%)
- Green (44%)
- Blue (31%)



- Red (83%)
- Yellow (48%)
- Blue (31%)



- Cyan (0%)
- Magenta (48%)
- Yellow (63%)
- Black (17%)






















- Cyan (17%)
- Magenta (56%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the RGB color 212, 111, 78 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 212, 111, 78 by changing the saturation by 10% instead.


 212, 111, 78	 212, 111, 78
 255, 255, 255	 182, 85, 54
 255, 164, 128	 152, 60, 32
 255, 192, 154	 123, 35, 9
 255, 220, 181	 94, 6, 0
 255, 249, 209	 66, 0, 0
 255, 255, 237	 41, 0, 1
	 0, 0, 0

 212, 111, 78	 212, 111, 78
 212, 95, 57	 212, 127, 99


 212, 79, 36


 212, 143, 120

 212, 63, 14

 212, 159, 142

 212, 52, 0

 212, 175, 163

 212, 191, 184

 212, 207, 205

 212, 223, 226

 212, 239, 248

 212, 255, 255

Harmonies

Analogous

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



223, 99, 119



212, 111, 78



184, 128, 49

Triad

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



212, 111, 78



0, 160, 113



97, 137, 227

Complementary

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



212, 111, 78



78, 179, 212

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, 151, 226



212, 111, 78



0, 161, 160

Square

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



212, 111, 78



92, 154, 71



0, 159, 201



170, 118, 204

Rectangle

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



212, 111, 78



158, 139, 43



0, 159, 201



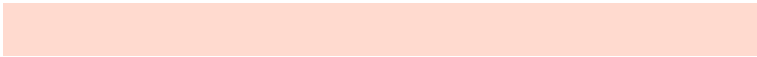
57, 142, 229

Sweetspot

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



212, 111, 78



255, 218, 207



212, 78, 181



128, 105, 98



0, 0, 0



128, 128, 128

Same Dimension

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



212, 111, 78



255, 109, 61



212, 176, 78



107, 99, 96



171, 42, 0



43, 11, 0

Inverse Universe

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



78, 179, 212



61, 207, 255



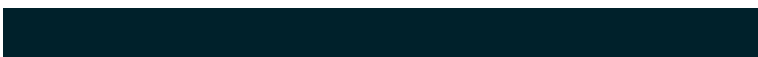
78, 114, 212



96, 104, 107



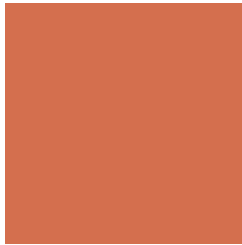
0, 129, 171



0, 33, 43

Previews

White Background



This preview shows how the RGB color 212, 111, 78 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 212, 111, 78 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 212, 111, 78 Background



This preview shows how black text looks on a background with the RGB color 212, 111, 78.



This preview shows how white text looks on a background with the RGB color 212, 111, 78.

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
212, 111, 78

Protanopia
152, 140, 89

Deuteranopia
171, 133, 73



Tritanopia
214, 106, 114

Trichromacy



Original Color

212, 111, 78

Protanomaly

174, 129, 85

Deuteranomaly

186, 125, 75

Tritanomaly

213, 108, 101

Monochromacy



Original Color

212, 111, 78

Achromatopsia

137, 137, 137

Achromatomaly

164, 128, 116

CSS Examples

Text

The CSS property to change the color of the text to RGB 212, 111, 78 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(212, 111, 78)` looks like.

```
.text, #text, p{  
    color:rgb(212, 111, 78)  
}
```

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(212, 111, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 111, 78) }
```

Border

The CSS property to change the border of an element to RGB 212, 111, 78 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(212, 111, 78) }
```

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

```
.border{ border-color:rgb(212, 111, 78) }
```

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

Here you see how a box with a 4 pixel rgb(212, 111, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 111, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 111, 78);  
box-shadow:4px 4px 4px 4px rgb(212, 111,  
78) }
```

Background

The CSS property to change the background color of an element to RGB 212, 111, 78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 111, 78) }
```

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

```
.background{ background-color: rgb(212,  
111, 78) }
```

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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