

Converting Colors

RGB(210, 111, 50)

Have a look what the booklet for
RGB(210, 111, 50) contains.

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Color

RGB(210, 111, 50)

Conversions

Conversions Part 1

Format	Color
Hex	D26F32
RGB	210, 111, 50
RGB Percent	82%, 44%, 20%
CMY	0.1765, 0.5647, 0.8039
CMYK	0.00, 0.47, 0.76, 0.18
HSL	23°, 64%, 51%
HSV	23°, 76%, 82%
XYZ	32.8385, 25.3008, 6.1704
YIQ	133.6470, 78.5850, 2.0170

Conversions

Conversions Part 2

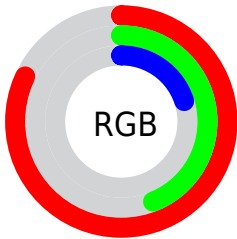
Format	Color
R _Y B	210, 149, 50
Decimal	13791026
CIE Lab	57.37, 34.61, 49.67
CIE LCh	57, 60.542, 55.134
Yxy	25.3008, 0.5106, 0.3934
Android (android.graphics.Color)	4291981106 (0xFFD26F32)
YUV	133.6470, -41.2380, 66.9616
Hunter-Lab	50.2999, 28.5096, 27.9367

Details

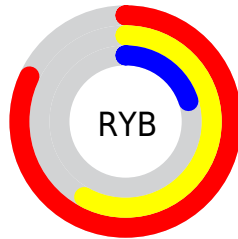
The RGB color **210, 111, 50** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **50, 149, 210**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **255, 164, 100**, and **149, 61, 0** is the 20% darker color. If you saturate the color by 10%, you get **210, 98, 29**, and if you desaturate by 10%, it is **210, 124, 71**.

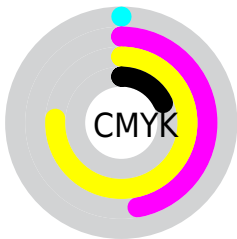
Distribution



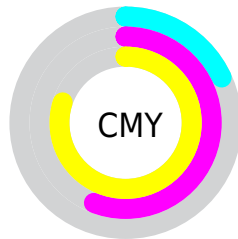
- Red (82%)
- Green (44%)
- Blue (20%)



- Red (82%)
- Yellow (58%)
- Blue (20%)



- Cyan (0%)
- Magenta (47%)
- Yellow (76%)
- Black (18%)




- Cyan (18%)
- Magenta (56%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the RGB color 210, 111, 50 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 210, 111, 50 by changing the saturation by 10% instead.

 210, 111, 50  210, 111, 50

255, 255, 255  179, 86, 25

 255, 164, 100  149, 61, 0

 255, 191, 126  120, 36, 0

 255, 220, 152  90, 9, 0

 255, 248, 180  62, 0, 0

 255, 255, 208  37, 0, 1

 255, 255, 236  0, 0, 0

 210, 111, 50  210, 111, 50

 210, 98, 29  210, 124, 71

■ 210, 85, 8

■ 210, 137, 92

■ 210, 80, 0

■ 210, 150, 113

■ 210, 163, 134

■ 210, 176, 155

■ 210, 189, 176

■ 210, 202, 197

■ 210, 215, 218

■ 210, 228, 239

Harmonies

Analogous

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



231, 91, 96



210, 111, 50



171, 132, 13

Triad

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



210, 111, 50



0, 162, 127



121, 127, 234

Complementary

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



210, 111, 50



50, 149, 210

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, 146, 243



210, 111, 50



0, 162, 181

Square

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



210, 111, 50



44, 157, 74



0, 158, 224



193, 104, 199

Rectangle

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



210, 111, 50



139, 143, 16



0, 158, 224



82, 135, 240

Sweetspot

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



210, 111, 50



255, 219, 196



210, 50, 151



128, 105, 92



0, 0, 0



128, 128, 128

Same Dimension

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



210, 111, 50



255, 111, 23



210, 189, 50



105, 98, 94



168, 64, 0



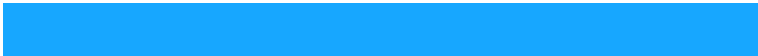
41, 16, 0

Inverse Universe

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



50, 149, 210



23, 167, 255



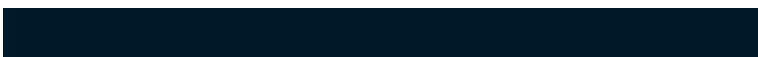
50, 71, 210



94, 101, 105



0, 104, 168



0, 25, 41

Previews

White Background



This preview shows how the RGB color 210, 111, 50 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 210, 111, 50 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 210, 111, 50 Background



This preview shows how black text looks on a background with the RGB color 210, 111, 50.



This preview shows how white text looks on a background with the RGB color 210, 111, 50.

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
210, 111, 50

Protanopia
154, 138, 58

Deuteranopia
173, 131, 44



Tritanopia
213, 104, 112

Trichromacy



Original Color

210, 111, 50

Protanomaly

174, 128, 55

Deuteranomaly

186, 124, 46

Tritanomaly

212, 107, 89

Monochromacy



Original Color

210, 111, 50

Achromatopsia

134, 134, 134

Achromatomaly

162, 126, 103

CSS Examples

Text

The CSS property to change the color of the text to RGB 210, 111, 50 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(210, 111, 50)` looks like.

```
.text, #text, p{  
    color:rgb(210, 111, 50)  
}
```

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(210, 111, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 111, 50) }
```

Border

The CSS property to change the border of an element to RGB 210, 111, 50 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(210, 111, 50) }
```

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

```
.border{ border-color:rgb(210, 111, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 111, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 111, 50); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 111, 50); box-shadow:4px 4px 4px 4px rgb(210, 111, 50) }
```

Background

The CSS property to change the background color of an element to RGB 210, 111, 50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 111, 50) }
```

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

```
.background{ background-color: rgb(210,  
111, 50) }
```

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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