

Converting Colors

RGB(210, 146, 104)

Have a look what the booklet for
RGB(210, 146, 104) contains.

RGB(210, 146, 104)	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(210, 146, 104)

Conversions

Conversions Part 1

Format	Color
Hex	D29268
RGB	210, 146, 104
RGB Percent	82%, 57%, 41%
CMY	0.1765, 0.4275, 0.5922
CMYK	0.00, 0.30, 0.50, 0.18
HSL	24°, 54%, 62%
HSV	24°, 50%, 82%
XYZ	39.3559, 35.2589, 17.8281
YIQ	160.3480, 51.6260, 0.5060

Conversions

Conversions Part 2

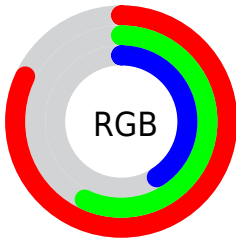
Format	Color
R _Y B	210, 174, 104
Decimal	13800040
CIE Lab	65.95, 19.44, 31.88
CIE LCh	66, 37.338, 58.623
Yxy	35.2589, 0.4257, 0.3814
Android (android.graphics.Color)	4291990120 (0xFFD29268)
YUV	160.3480, -27.7796, 43.5448
Hunter-Lab	59.3792, 14.3944, 23.7641

Details

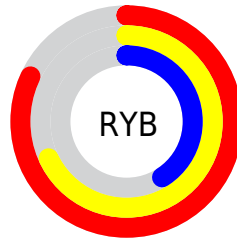
The RGB color **210, 146, 104** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **104, 168, 210**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **255, 200, 156**, and **153, 95, 56** is the 20% darker color. If you saturate the color by 10%, you get **210, 133, 83**, and if you desaturate by 10%, it is **210, 159, 125**.

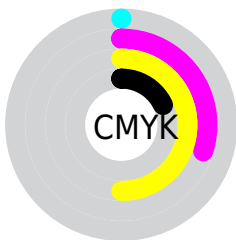
Distribution



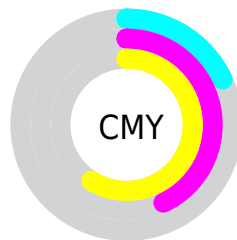
- Red (82%)
- Green (57%)
- Blue (41%)



- Red (82%)
- Yellow (68%)
- Blue (41%)



- Cyan (0%)
- Magenta (30%)
- Yellow (50%)
- Black (18%)





- Cyan (18%)
- Magenta (43%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the RGB color 210, 146, 104 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, 146, 104 by changing the saturation by 10% instead.

 210, 146, 104

 210, 146, 104

255, 255, 255

 181, 120, 79

 255, 200, 156

 153, 95, 56


 255, 228, 183

 125, 71, 33

 255, 255, 211

 97, 48, 11

 255, 255, 239


 71, 26, 0

 45, 5, 0

 5, 0, 0

 0, 0, 0

 210, 146, 104

 210, 146, 104

■ 210, 133, 83

■ 210, 159, 125

■ 210, 121, 62

■ 210, 171, 146

■ 210, 108, 41

■ 210, 184, 167

■ 210, 95, 20

■ 210, 197, 188

■ 210, 83, 0

■ 210, 209, 209

■ 210, 222, 230

■ 210, 235, 251

■ 210, 247, 255

■ 210, 255, 255

Harmonies

Analogous

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



224, 137, 130



210, 146, 104



183, 158, 93

Triad

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



210, 146, 104



61, 178, 157



162, 152, 219

Complementary

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



210, 146, 104



104, 168, 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.



108, 164, 227



210, 146, 104



0, 177, 191

Square

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



210, 146, 104



109, 175, 124



41, 173, 217



201, 140, 196

Rectangle

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



210, 146, 104



161, 165, 96



41, 173, 217



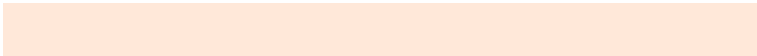
145, 156, 224

Sweetspot

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



210, 146, 104



255, 232, 217



210, 104, 169



128, 114, 105



0, 0, 0



128, 128, 128

Same Dimension

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



210, 146, 104



255, 161, 99



210, 198, 104



105, 98, 94



168, 67, 0



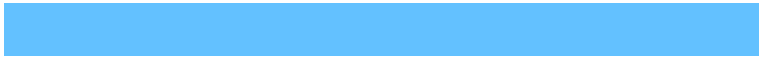
41, 16, 0

Inverse Universe

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



104, 168, 210



99, 193, 255



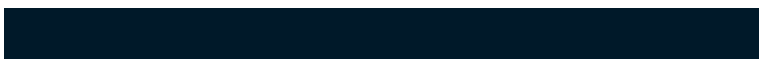
104, 116, 210



94, 100, 105



0, 102, 168



0, 25, 41

Previews

White Background



This preview shows how the RGB color 210, 146, 104 looks on a white background.

Color Contrast Check

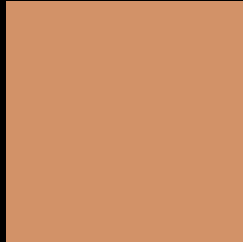
Large Text (above 18pt) WCAG AA × Fail

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, 146, 104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

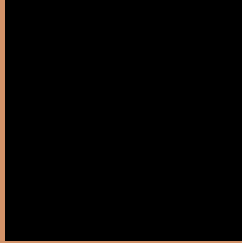
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 210, 146, 104 Background



This preview shows how black text looks on a background with the RGB color 210, 146, 104.



This preview shows how white text looks on a background with the RGB color 210, 146, 104.

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, 146, 104

Protanopia
174, 161, 110

Deuteranopia
194, 153, 102



Tritanopia
214, 140, 151

Trichromacy



Original Color

210, 146, 104

Protanomaly

187, 156, 108

Deuteranomaly

200, 150, 103

Tritanomaly

213, 142, 134

Monochromacy



Original Color

210, 146, 104

Achromatopsia

160, 160, 160

Achromatomaly

178, 155, 140

CSS Examples

Text

The CSS property to change the color of the text to RGB 210, 146, 104 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, 146, 104)` looks like.

```
.text, #text, p{  
    color:rgb(210, 146, 104)  
}
```

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, 146, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 146, 104) }
```

Border

The CSS property to change the border of an element to RGB 210, 146, 104 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, 146, 104) }
```

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

```
.border{ border-color:rgb(210, 146, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 146, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 146, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 146, 104);  
box-shadow:4px 4px 4px 4px rgb(210, 146,  
104) }
```

Background

The CSS property to change the background color of an element to RGB 210, 146, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 146, 104) }
```

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

```
.background{ background-color: rgb(210,  
146, 104) }
```

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