

Converting Colors

RGB(202, 140, 82)

Have a look what the booklet for
RGB(202, 140, 82) contains.

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Color

RGB(202, 140, 82)

Conversions

Conversions Part 1	
Format	Color
Hex	CA8C52
RGB	202, 140, 82
RGB Percent	79%, 55%, 32%
CMY	0.2078, 0.4510, 0.6784
CMYK	0.00, 0.31, 0.59, 0.21
HSL	29°, 53%, 56%
HSV	29°, 59%, 79%
XYZ	35.2582, 31.9219, 12.2859
YIQ	151.9260, 55.5700, -4.8940

Conversions

Conversions Part 2

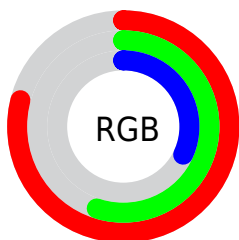
Format	Color
RYB	202, 194, 82
Decimal	13274194
CIELab	63.28, 17.54, 40.04
CIELCh	63, 43.717, 66.339
Yxy	31.9219, 0.4437, 0.4017
Android (android.graphics.Color)	4291464274 (0xFFCA8C52)
YUV	151.9260, -34.4735, 43.9149
Hunter-Lab	56.4995, 12.5178, 26.6570

Details

The RGB color **202, 140, 82** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **82, 144, 202**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **255, 194, 133**, and **144, 90, 34** is the 20% darker color. If you saturate the color by 10%, you get **202, 130, 62**, and if you desaturate by 10%, it is **202, 150, 102**.

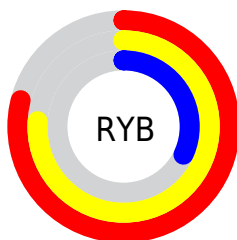
Distribution



Red (79%)

Green (55%)

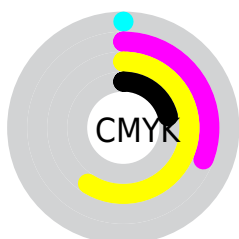
Blue (32%)



Red (79%)

Yellow (76%)

Blue (32%)

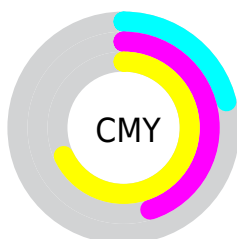


Cyan (0%)

Magenta (31%)

Yellow (59%)

Black (21%)



Cyan (21%)
















Magenta (45%)

Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the RGB color 202, 140, 82 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, 140, 82 by changing the saturation by 10% instead.

 202, 140, 82	 202, 140, 82
 255, 255, 255	 173, 114, 58
 255, 194, 133	 144, 90, 34
 255, 222, 159	 116, 66, 8
 255, 250, 187	 89, 44, 0
 255, 255, 215	 62, 22, 0
 255, 255, 243	 38, 0, 0
	 0, 0, 0

 202, 140, 82	 202, 140, 82
 202, 130, 62	 202, 150, 102


 202, 119, 42

 202, 161, 122


 202, 109, 21

 202, 171, 143

 202, 98, 1

 202, 182, 163

 202, 98, 0

 202, 192, 183

 202, 203, 203

 202, 213, 223

 202, 223, 244

 202, 234, 255

Harmonies

Analogous

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



223, 127, 109



202, 140, 82



169, 154, 74

Triad

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



202, 140, 82



0, 173, 160



167, 140, 216

Complementary

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



202, 140, 82



82, 144, 202

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.



104, 154, 230



202, 140, 82



0, 172, 198

Square

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



202, 140, 82



75, 171, 121



0, 166, 224



208, 126, 185

Rectangle

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



202, 140, 82



142, 161, 81



0, 166, 224



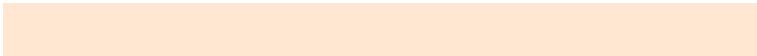
149, 145, 223

Sweetspot

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



202, 140, 82



255, 231, 209



202, 82, 144



128, 113, 99



0, 0, 0



128, 128, 128

Same Dimension

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



202, 140, 82



255, 161, 74



202, 200, 82



102, 97, 92



166, 80, 0



38, 18, 0

Inverse Universe

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



82, 144, 202



74, 167, 255



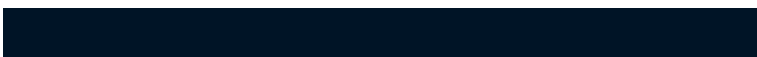
82, 84, 202



92, 97, 102



0, 86, 166



0, 20, 38

Previews

White Background



This preview shows how the RGB color 202, 140, 82 looks on a white background.

Color Contrast Check

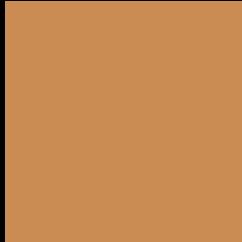
Large Text (above 18pt) WCAG AA × Fail

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 202, 140, 82 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

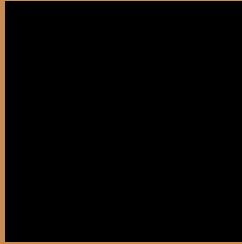
Any Text WCAG AA ✓ Pass

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 202, 140, 82 Background



This preview shows how black text looks on a background with the RGB color 202, 140, 82.



This preview shows how white text looks on a background with the RGB color 202, 140, 82.

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

202, 140, 82

Protanopia

169, 154, 87

Deuteranopia

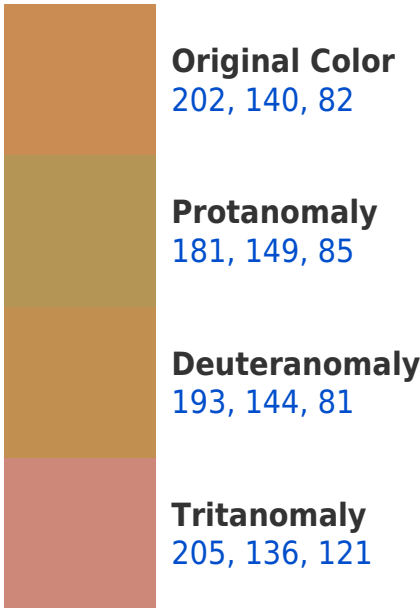
188, 146, 81



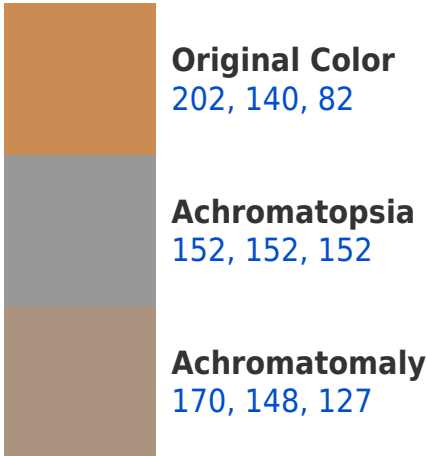
Tritanopia

207, 133, 143

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 140, 82 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, 140, 82)` looks like.

```
.text, #text, p{  
    color:rgb(202, 140, 82)  
}
```

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, 140, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 140, 82) }
```

Border

The CSS property to change the border of an element to RGB 202, 140, 82 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, 140, 82) }
```

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

```
.border{ border-color:rgb(202, 140, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 140, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 140, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 140, 82);  
box-shadow:4px 4px 4px 4px rgb(202, 140,  
82) }
```

Background

The CSS property to change the background color of an element to RGB 202, 140, 82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 140, 82) }
```

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

```
.background{ background-color: rgb(202,  
140, 82) }
```

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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