

Converting Colors

RGB(210, 171, 142)

Have a look what the booklet for
RGB(210, 171, 142) contains.

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Color

RGB(210, 171, 142)

Conversions

Conversions Part 1

Format	Color
Hex	D2AB8E
RGB	210, 171, 142
RGB Percent	82%, 67%, 56%
CMY	0.1765, 0.3294, 0.4431
CMYK	0.00, 0.19, 0.32, 0.18
HSL	26°, 43%, 69%
HSV	26°, 32%, 82%
XYZ	46.0237, 44.7805, 31.8090
YIQ	179.3550, 32.5530, -0.7510

Conversions

Conversions Part 2

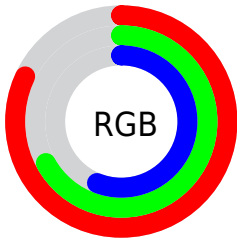
Format	Color
R _Y B	210, 193, 142
Decimal	13806478
CIE Lab	72.75, 10.10, 20.31
CIE LCh	73, 22.679, 63.553
Yxy	44.7805, 0.3754, 0.3652
Android (android.graphics.Color)	4291996558 (0xFFD2AB8E)
YUV	179.3550, -18.4160, 26.8757
Hunter-Lab	66.9182, 5.6585, 18.6598

Details

The RGB color **210, 171, 142** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **142, 181, 210**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **255, 226, 196**, and **154, 119, 92** is the 20% darker color. If you saturate the color by 10%, you get **210, 159, 121**, and if you desaturate by 10%, it is **210, 183, 163**.

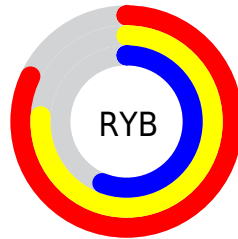
Distribution



Red (82%)

Green (67%)

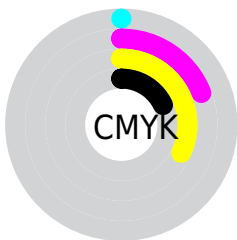
Blue (56%)



Red (82%)

Yellow (76%)

Blue (56%)

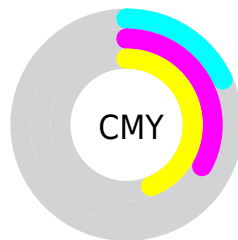


Cyan (0%)

Magenta (19%)

Yellow (32%)

Black (18%)



Cyan (18%)


Magenta (33%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the RGB color 210, 171, 142 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, 171, 142 by changing the saturation by 10% instead.

 210, 171, 142

 210, 171, 142

255, 255, 255

 182, 144, 116

 255, 226, 196

 154, 119, 92

 255, 255, 224

 128, 94, 68

 255, 255, 252

 102, 70, 45


 76, 48, 24


 53, 27, 0


 30, 2, 0


 0, 0, 0


 210, 171, 142

 210, 171, 142

 210, 159, 121


 210, 183, 163

 210, 147, 100

 210, 195, 184

 210, 135, 79


 210, 207, 205

 210, 123, 58

 210, 219, 226

 210, 111, 37

 210, 231, 247

 210, 99, 16

 210, 243, 255

 210, 90, 0

 210, 255, 255

Harmonies

Analogous

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



220, 166, 157



210, 171, 142



192, 178, 137

Triad

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



210, 171, 142



126, 190, 180



185, 172, 213

Complementary

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



210, 171, 142



142, 181, 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.



157, 180, 220



210, 171, 142



120, 189, 201

Square

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



210, 171, 142



145, 189, 159



132, 186, 215



208, 166, 197

Rectangle

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



210, 171, 142



177, 182, 140



132, 186, 215



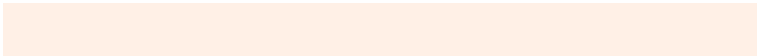
176, 175, 216

Sweetspot

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



210, 171, 142



255, 240, 230



210, 142, 182



128, 119, 112



0, 0, 0



128, 128, 128

Same Dimension

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



210, 171, 142



255, 198, 156



210, 204, 142



105, 99, 94



168, 72, 0



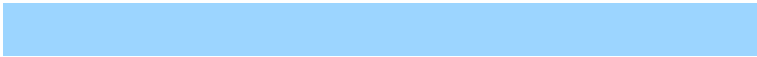
41, 17, 0

Inverse Universe

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



142, 181, 210



156, 213, 255



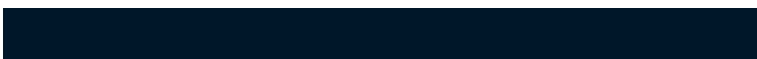
142, 148, 210



94, 100, 105



0, 97, 168



0, 23, 41

Previews

White Background



This preview shows how the RGB color 210, 171, 142 looks on a white background.

Color Contrast Check

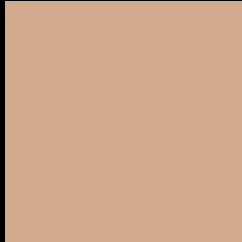
Large Text (above 18pt) WCAG AA × Fail

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, 171, 142 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, 171, 142 Background



This preview shows how black text looks on a background with the RGB color 210, 171, 142.



This preview shows how white text looks on a background with the RGB color 210, 171, 142.

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, 171, 142

Protanopia
189, 178, 145

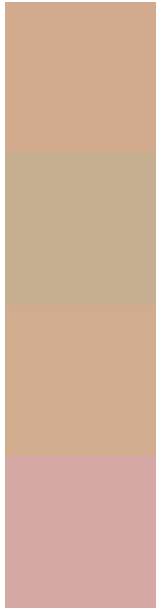
Deuteranopia
208, 172, 142



Tritanopia

214, 166, 179

Trichromacy



Original Color

210, 171, 142

Protanomaly

197, 175, 144

Deuteranomaly

209, 172, 142

Tritanomaly

213, 168, 166

Monochromacy



Original Color

210, 171, 142

Achromatopsia

179, 179, 179

Achromatomaly

190, 176, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 210, 171, 142 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, 171, 142)` looks like.

```
.text, #text, p{  
    color:rgb(210, 171, 142)  
}
```

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, 171, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 171, 142) }
```

Border

The CSS property to change the border of an element to RGB 210, 171, 142 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, 171, 142) }
```

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

```
.border{ border-color:rgb(210, 171, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 171, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 171, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 171, 142);  
box-shadow:4px 4px 4px 4px rgb(210, 171,  
142) }
```

Background

The CSS property to change the background color of an element to RGB 210, 171, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 171, 142) }
```

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

```
.background{ background-color: rgb(210,  
171, 142) }
```

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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