

Converting Colors

RGB(222, 161, 134)

Have a look what the booklet for
RGB(222, 161, 134) contains.

RGB(222, 161, 134)	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(222, 161, 134)

Conversions

Conversions Part 1

Format	Color
Hex	DEA186
RGB	222, 161, 134
RGB Percent	87%, 63%, 53%
CMY	0.1294, 0.3686, 0.4745
CMYK	0.00, 0.27, 0.40, 0.13
HSL	18°, 57%, 70%
HSV	18°, 40%, 87%
XYZ	47.1721, 42.7406, 28.3178
YIQ	176.1610, 45.0230, 4.5350

Conversions

Conversions Part 2

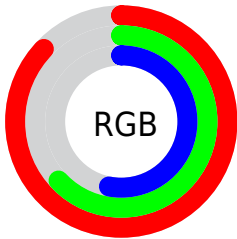
Format	Color
R _Y B	222, 173, 134
Decimal	14590342
CIE Lab	71.38, 19.24, 22.99
CIE LCh	71, 29.978, 50.077
Yxy	42.7406, 0.3990, 0.3615
Android (android.graphics.Color)	4292780422 (0xFFDEA186)
YUV	176.1610, -20.7854, 40.2008
Hunter-Lab	65.3763, 14.3879, 20.0819

Details

The RGB color **222, 161, 134** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **134, 195, 222**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **255, 216, 187**, and **165, 109, 84** is the 20% darker color. If you saturate the color by 10%, you get **222, 146, 112**, and if you desaturate by 10%, it is **222, 176, 156**.

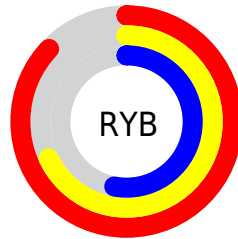
Distribution



Red (87%)

Green (63%)

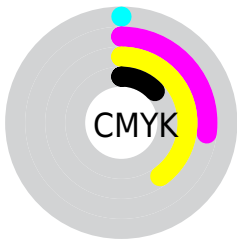
Blue (53%)



Red (87%)

Yellow (68%)

Blue (53%)

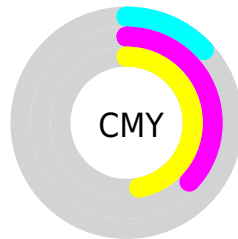


Cyan (0%)

Magenta (27%)

Yellow (40%)

Black (13%)



Cyan (13%)


Magenta (37%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the RGB color 222, 161, 134 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 222, 161, 134 by changing the saturation by 10% instead.


 222, 161, 134

 222, 161, 134

255, 255, 255

 193, 135, 109


 255, 216, 187

 165, 109, 84

 255, 245, 215

 137, 85, 61

 255, 255, 244


 110, 61, 39


 84, 39, 18


 59, 17, 0

 36, 0, 0

 0, 0, 0


 222, 161, 134


 222, 161, 134

 222, 146, 112

 222, 176, 156

 222, 130, 90

 222, 192, 178

 222, 115, 67

 222, 207, 201

 222, 99, 45

 222, 223, 223

 222, 84, 23

 222, 238, 245

 222, 69, 1

 222, 253, 255

 222, 68, 0

 222, 255, 255

Harmonies

Analogous

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



230, 155, 157



222, 161, 134



202, 170, 121

Triad

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



222, 161, 134



113, 189, 164



166, 171, 226

Complementary

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



222, 161, 134



134, 195, 222

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.



126, 180, 228



222, 161, 134



90, 190, 193

Square

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



222, 161, 134



144, 186, 139



94, 187, 216



201, 162, 210

Rectangle

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



222, 161, 134



185, 176, 121



94, 187, 216



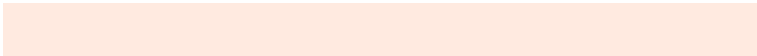
153, 174, 228

Sweetspot

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



222, 161, 134



255, 234, 224



222, 134, 196



128, 115, 110



0, 0, 0



128, 128, 128

Same Dimension

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



222, 161, 134



255, 170, 133



222, 204, 134



112, 104, 101



176, 54, 0



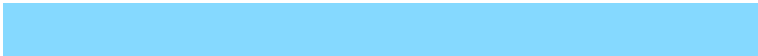
48, 15, 0

Inverse Universe

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



134, 195, 222



133, 217, 255



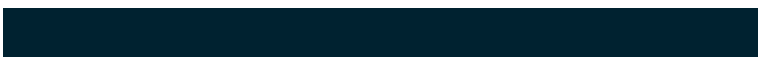
134, 152, 222



101, 109, 112



0, 122, 176



0, 34, 48

Previews

White Background



This preview shows how the RGB color 222, 161, 134 looks on a white background.

Color Contrast Check

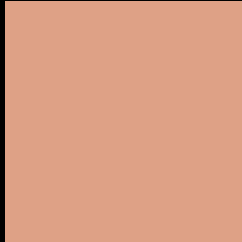
Large Text (above 18pt) WCAG AA × Fail

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 222, 161, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

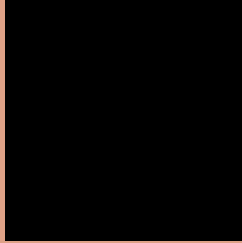
Any Text WCAG AA ✓ Pass

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 222, 161, 134 Background



This preview shows how black text looks on a background with the RGB color 222, 161, 134.

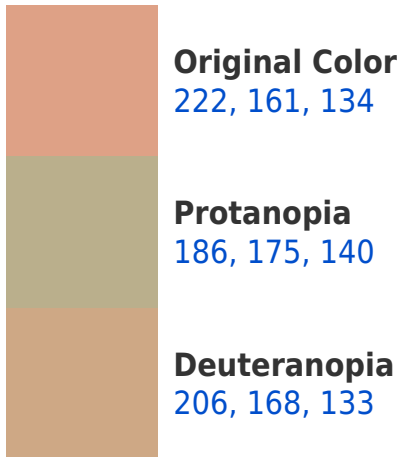


This preview shows how white text looks on a background with the RGB color 222, 161, 134.

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





Tritanopia
225, 156, 168

Trichromacy



Original Color
222, 161, 134

Protanomaly
199, 170, 138

Deuteranomaly
212, 165, 133

Tritanomaly
224, 158, 156

Monochromacy



Original Color
222, 161, 134

Achromatopsia
176, 176, 176

Achromatomaly
193, 171, 161

CSS Examples

Text

The CSS property to change the color of the text to RGB 222, 161, 134 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(222, 161, 134)` looks like.

```
.text, #text, p{  
    color:rgb(222, 161, 134)  
}
```

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(222, 161, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 161, 134) }
```

Border

The CSS property to change the border of an element to RGB 222, 161, 134 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(222, 161, 134) }
```

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

```
.border{ border-color:rgb(222, 161, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 161, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 161, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 161, 134);  
box-shadow:4px 4px 4px 4px rgb(222, 161,  
134) }
```

Background

The CSS property to change the background color of an element to RGB 222, 161, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 161, 134) }
```

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

```
.background{ background-color: rgb(222,  
161, 134) }
```

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