

Converting Colors

RGB(234, 171, 130)

Have a look what the booklet for
RGB(234, 171, 130) contains.

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Color

RGB(234, 171, 130)

Conversions

Conversions Part 1

Format	Color
Hex	EAAB82
RGB	234, 171, 130
RGB Percent	92%, 67%, 51%
CMY	0.0824, 0.3294, 0.4902
CMYK	0.00, 0.27, 0.44, 0.08
HSL	24°, 71%, 71%
HSV	24°, 44%, 92%
XYZ	52.5239, 48.2300, 27.6601
YIQ	185.1630, 50.7090, 0.6050

Conversions

Conversions Part 2

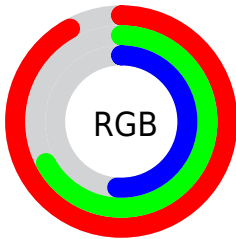
Format	Color
R _Y B	234, 198, 130
Decimal	15379330
CIE Lab	74.97, 18.20, 30.18
CIE LCh	75, 35.240, 58.911
Yxy	48.2300, 0.4090, 0.3756
Android (android.graphics.Color)	4293569410 (0xFFEAAB82)
YUV	185.1630, -27.1954, 42.8300
Hunter-Lab	69.4478, 13.4672, 24.9991

Details

The RGB color **234, 171, 130** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **130, 193, 234**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **255, 226, 183**, and **176, 119, 80** is the 20% darker color. If you saturate the color by 10%, you get **234, 157, 107**, and if you desaturate by 10%, it is **234, 185, 153**.

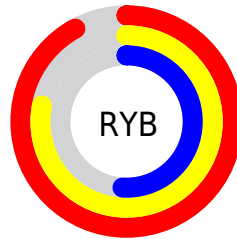
Distribution



Red (92%)

Green (67%)

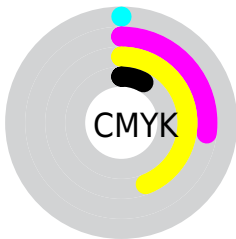
Blue (51%)



Red (92%)

Yellow (78%)

Blue (51%)

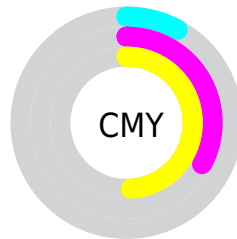


Cyan (0%)

Magenta (27%)

Yellow (44%)

Black (8%)



Cyan (8%)

Magenta (33%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 171, 130 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 234, 171, 130 by changing the saturation by 10% instead.

 234, 171, 130

 234, 171, 130

255, 255, 255

 205, 144, 105

 255, 226, 183


 176, 119, 80

 255, 255, 211

 148, 94, 57

 255, 255, 240


 120, 70, 34


 93, 47, 12

 67, 25, 0

 42, 3, 0

 0, 0, 0

 234, 171, 130

 234, 171, 130

■ 234, 157, 107

■ 234, 185, 153

■ 234, 143, 83

■ 234, 199, 177

■ 234, 128, 60

■ 234, 214, 200

■ 234, 114, 36

■ 234, 228, 224

■ 234, 100, 13

■ 234, 242, 247

■ 234, 92, 0

■ 234, 255, 255

Harmonies

Analogous

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



248, 162, 155



234, 171, 130



208, 182, 119

Triad

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



234, 171, 130



97, 202, 182



187, 177, 241

Complementary

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



234, 171, 130



130, 193, 234

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.



138, 188, 249



234, 171, 130



71, 201, 215

Square

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



234, 171, 130



136, 199, 150



90, 197, 239



225, 166, 219

Rectangle

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



234, 171, 130



186, 189, 122



90, 197, 239



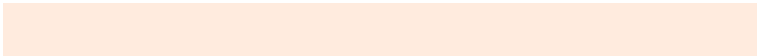
172, 181, 246

Sweetspot

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



234, 171, 130



255, 235, 222



234, 130, 194



128, 115, 107



0, 0, 0



128, 128, 128

Same Dimension

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



234, 171, 130



255, 173, 120



234, 222, 130



117, 110, 106



181, 71, 0



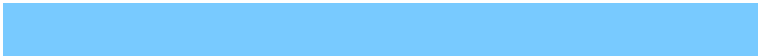
54, 21, 0

Inverse Universe

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



130, 193, 234



120, 202, 255



130, 142, 234



106, 113, 117



0, 110, 181



0, 32, 54

Previews

White Background



This preview shows how the RGB color 234, 171, 130 looks on a white background.

Color Contrast Check

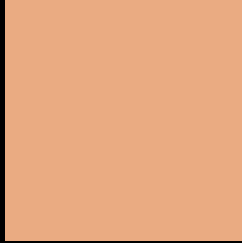
Large Text (above 18pt) WCAG AA × Fail

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 234, 171, 130 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 234, 171, 130 Background



This preview shows how black text looks on a background with the RGB color 234, 171, 130.

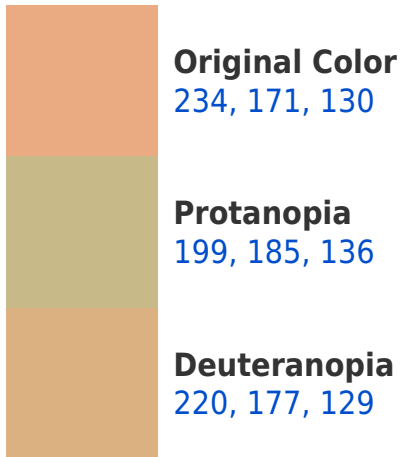



This preview shows how white text looks on a background with the RGB color 234, 171, 130.

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
238, 165, 177

Trichromacy



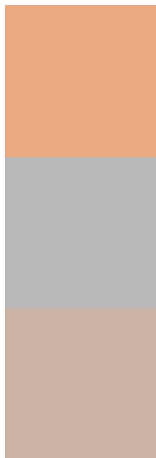
Original Color
234, 171, 130

Protanomaly
212, 180, 134

Deuteranomaly
225, 175, 129

Tritanomaly
237, 167, 160

Monochromacy



Original Color
234, 171, 130

Achromatopsia
185, 185, 185

Achromatomaly
203, 180, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 171, 130 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(234, 171, 130)` looks like.

```
.text, #text, p{  
    color:rgb(234, 171, 130)  
}
```

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(234, 171, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 171, 130) }
```

Border

The CSS property to change the border of an element to RGB 234, 171, 130 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(234, 171, 130) }
```

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

```
.border{ border-color:rgb(234, 171, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 171, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 171, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 171, 130);  
box-shadow:4px 4px 4px 4px rgb(234, 171,  
130) }
```

Background

The CSS property to change the background color of an element to RGB 234, 171, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 171, 130) }
```

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

```
.background{ background-color: rgb(234,  
171, 130) }
```

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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