

Converting Colors

RGB(232, 170, 114)

Have a look what the booklet for
RGB(232, 170, 114) contains.

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Color

RGB(232, 170, 114)

Conversions

Conversions Part 1

Format	Color
Hex	E8AA72
RGB	232, 170, 114
RGB Percent	91%, 67%, 45%
CMY	0.0902, 0.3333, 0.5529
CMYK	0.00, 0.27, 0.51, 0.09
HSL	28°, 72%, 68%
HSV	28°, 51%, 91%
XYZ	50.6907, 47.1202, 22.3430
YIQ	182.1540, 54.9280, -4.2720

Conversions

Conversions Part 2

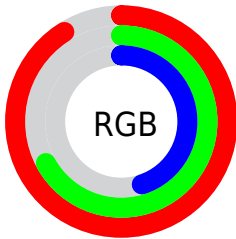
Format	Color
R _Y B	232, 221, 114
Decimal	15247986
CIE Lab	74.27, 16.40, 37.67
CIE LCh	74, 41.080, 66.475
Yxy	47.1202, 0.4219, 0.3922
Android (android.graphics.Color)	4293438066 (0xFFE8AA72)
YUV	182.1540, -33.5999, 43.7149
Hunter-Lab	68.6441, 11.6873, 28.7526

Details

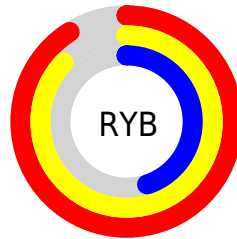
The RGB color **232, 170, 114** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **114, 176, 232**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **255, 225, 167**, and **174, 118, 65** is the 20% darker color. If you saturate the color by 10%, you get **232, 158, 91**, and if you desaturate by 10%, it is **232, 182, 137**.

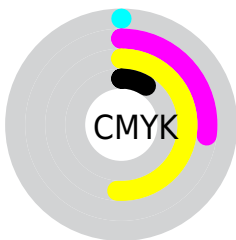
Distribution



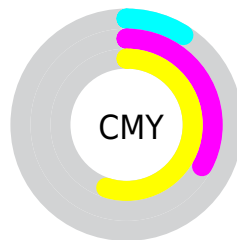
- Red (91%)
- Green (67%)
- Blue (45%)



- Red (91%)
- Yellow (87%)
- Blue (45%)



- Cyan (0%)
- Magenta (27%)
- Yellow (51%)
- Black (9%)




- Cyan (9%)
- Magenta (33%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 232, 170, 114 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 232, 170, 114 by changing the saturation by 10% instead.

 232, 170, 114

255, 255, 255

 255, 225, 167

 255, 254, 194

 255, 255, 222

 255, 255, 251

 232, 170, 114

 202, 143, 89

 174, 118, 65

 145, 93, 41


 117, 69, 17


 90, 47, 0

 64, 25, 0

 39, 2, 0

 0, 0, 0

 232, 170, 114

 232, 170, 114

■ 232, 158, 91

■ 232, 182, 137

■ 232, 146, 68

■ 232, 194, 160

■ 232, 133, 44

■ 232, 207, 184

■ 232, 121, 21

■ 232, 219, 207

■ 232, 110, 0

■ 232, 231, 230

■ 232, 243, 253

■ 232, 255, 255

Harmonies

Analogous

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



252, 158, 140



232, 170, 114



199, 183, 107

Triad

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



232, 170, 114



54, 203, 190



198, 170, 243

Complementary

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



232, 170, 114



114, 176, 232

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.



141, 184, 255



232, 170, 114



0, 201, 226

Square

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



232, 170, 114



112, 200, 151



70, 195, 251



237, 158, 214

Rectangle

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



232, 170, 114



173, 190, 114



70, 195, 251



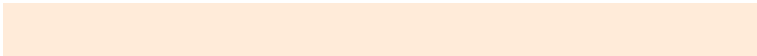
180, 174, 250

Sweetspot

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



232, 170, 114



255, 235, 217



232, 114, 177



128, 115, 105



0, 0, 0



128, 128, 128

Same Dimension

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



232, 170, 114



255, 173, 99



232, 228, 114



115, 109, 103



179, 85, 0



51, 24, 0

Inverse Universe

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



114, 176, 232



99, 181, 255



114, 118, 232



103, 109, 115



0, 94, 179



0, 27, 51

Previews

White Background



This preview shows how the RGB color 232, 170, 114 looks on a white background.

Color Contrast Check

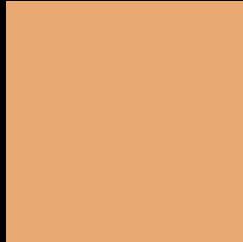
Large Text (above 18pt) WCAG AA × Fail

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 232, 170, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

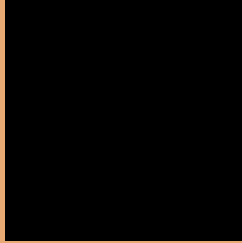
Any Text WCAG AA ✓ Pass

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 232, 170, 114 Background



This preview shows how black text looks on a background with the RGB color 232, 170, 114.


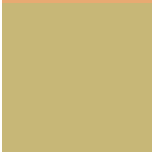



This preview shows how white text looks on a background with the RGB color 232, 170, 114.

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 232, 170, 114
	Protanopia 199, 183, 119
	Deuteranopia 221, 175, 113



Tritanopia
237, 162, 175

Trichromacy



Original Color
232, 170, 114

Protanomaly
211, 178, 117

Deuteranomaly
225, 173, 113

Tritanomaly
235, 165, 153

Monochromacy



Original Color
232, 170, 114

Achromatopsia
182, 182, 182

Achromatomaly
200, 178, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 170, 114 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(232, 170, 114)` looks like.

```
.text, #text, p{  
    color:rgb(232, 170, 114)  
}
```

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(232, 170, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 170, 114) }
```

Border

The CSS property to change the border of an element to RGB 232, 170, 114 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(232, 170, 114) }
```

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

```
.border{ border-color:rgb(232, 170, 114) }
```

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

Here you see how a box with a 4 pixel rgb(232, 170, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 170, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 170, 114);  
box-shadow:4px 4px 4px 4px rgb(232, 170,  
114) }
```

Background

The CSS property to change the background color of an element to RGB 232, 170, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 170, 114) }
```

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

```
.background{ background-color: rgb(232,  
170, 114) }
```

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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