Converting Colors

RGB(230, 169, 103)

Have a look what the booklet for RGB(230, 169, 103) contains.

Color

RGB(230, 169, 103)

Conversions

Conversions Part 1

Format	Color
Hex	E6A967
RGB	230, 169, 103
RGB Percent	90%, 66%, 40%
CMY	0.0980, 0.3373, 0.5961
CMYK	0.00, 0.27, 0.55, 0.10
HSL	31°, 72%, 65%
HSV	31°, 55%, 90%
XYZ	49.2693, 46.1782, 19.1485
YIQ	179.7150, 57.5420, -7.5940

Conversions

Conversions Part 2

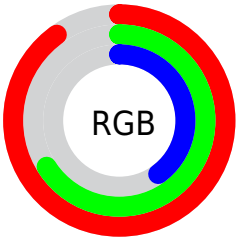
Format	Color
RYB	220, 230, 103
Decimal	15116647
CIELab	73.66, 15.18, 42.54
CIELCh	74, 45.164, 70.358
Yxy	46.1782, 0.4299, 0.4030
Android (android.graphics.Color)	4293306727 (0xFFE6A967)
YUV	179.7150, -37.8205, 44.0999
Hunter-Lab	67.9545, 10.4979, 30.8612

Details

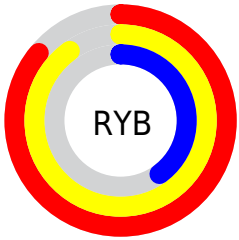
The RGB color 230, 169, 103 is a light color, and the websafe version is hex CC9966. A complement of this color would be 103, 164, 230, and the grayscale version is 180, 180, 180.

A 20% lighter version of the original color is 255, 224, 155, and 171, 117, 54 is the 20% darker color. If you saturate the color by 10%, you get 230, 158, 80, and if you desaturate by 10%, it is 230, 180, 126.

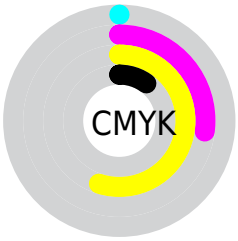
Distribution



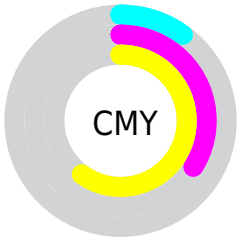
- Red (90%)
- Green (66%)
- Blue (40%)



- Red (86%)
- Yellow (90%)
- Blue (40%)



- Cyan (0%)
- Magenta (27%)
- Yellow (55%)
- Black (10%)



- Cyan (10%)
- Magenta (34%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 169, 103 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 230, 169, 103 by changing the saturation by 10% instead.

230, 169, 103	230, 169, 103
255, 255, 255	200, 143, 78
255, 224, 155	171, 117, 54
255, 253, 183	143, 92, 29
255, 255, 211	115, 69, 2
255, 255, 239	88, 46, 0
	61, 25, 0
	37, 1, 0
	0, 0, 0

230, 169, 103	230, 169, 103

230, 158, 80

230, 147, 57

230, 136, 34

230, 125, 11

230, 120, 0

230, 180, 126

230, 191, 149

230, 202, 172

230, 213, 195

230, 224, 218

230, 235, 241

230, 246, 255

230, 255, 255

Harmonies

Analogous

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

254, 155, 129

230, 169, 103

193, 183, 98

Triad

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

230, 169, 103

0, 203, 194

204, 165, 244

Complementary

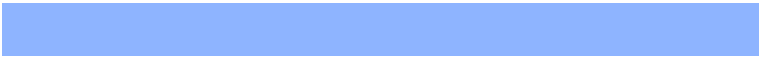
The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

230, 169, 103

103, 164, 230

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.



142, 180, 255

230, 169, 103

0, 200, 233

Square

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

230, 169, 103

93, 201, 152

50, 193, 255

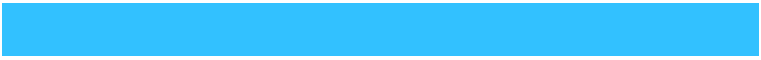
244, 152, 210

Rectangle

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

230, 169, 103

164, 191, 108



50, 193, 255

185, 170, 253

Sweetspot

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

230, 169, 103

255, 234, 212

230, 103, 164

128, 115, 102

0, 0, 0

128, 128, 128

Same Dimension

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

230, 169, 103

255, 174, 87

228, 230, 103

115, 109, 103

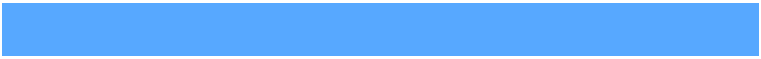
179, 93, 0

51, 27, 0

Inverse Universe

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

103, 164, 230



87, 168, 255

105, 103, 230

103, 109, 115

0, 86, 179

0, 24, 51

Previews

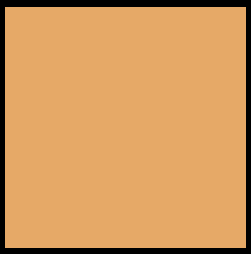
White Background

This preview shows how the RGB color 230, 169, 103 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



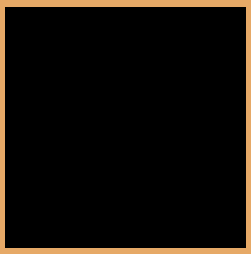
This preview shows how the RGB color 230, 169, 103 looks on a black background.

Color Contrast Check

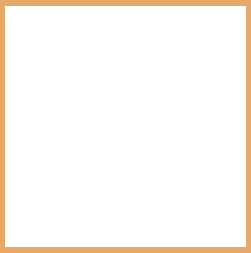
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 230, 169, 103 Background



This preview shows how black text looks on a background with the RGB color 230, 169, 103.



This preview shows how white text looks on a background with the RGB color 230, 169, 103.

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

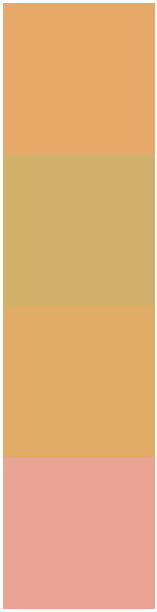
Original Color
230, 169, 103

Protanopia
198, 181, 107

Deuteranopia
221, 173, 102

Tritanopia
236, 161, 173

Trichromacy



Original Color
230, 169, 103

Protanomaly
210, 177, 106

Deuteranomaly
224, 172, 102

Tritanomaly
234, 164, 148

Monochromacy

Original Color
230, 169, 103

Achromatopsia
180, 180, 180

Achromatomaly
198, 176, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 169, 103 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(230, 169, 103) looks like.

```
.text, #text, p{
    color:rgb(230, 169, 103)
}
```

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(230, 169, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 169, 103) }
```

Border

The CSS property to change the border of an element to RGB 230, 169, 103 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(230, 169, 103) }
```

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

```
.border{ border-color:rgb(230, 169, 103) }
```

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

Here you see how a box with a 4 pixel rgb(230, 169, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 169, 103); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 169, 103); box-shadow:4px 4px 4px 4px rgb(230, 169, 103) }
```

Background

The CSS property to change the background color of an element to RGB 230, 169, 103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(230, 169, 103) }
```

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

```
.background{ background-color:rgb(230,
169, 103) }
```

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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