

Converting Colors

RGB(230, 204, 160)

Have a look what the booklet for
RGB(230, 204, 160) contains.

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Color

RGB(230, 204, 160)

Conversions

Conversions Part 1

Format	Color
Hex	E6CCA0
RGB	230, 204, 160
RGB Percent	90%, 80%, 63%
CMY	0.0980, 0.2000, 0.3725
CMYK	0.00, 0.11, 0.30, 0.10
HSL	38°, 58%, 76%
HSV	38°, 30%, 90%
XYZ	60.5712, 62.5468, 42.1380
YIQ	206.7580, 29.6200, -8.1720

Conversions

Conversions Part 2

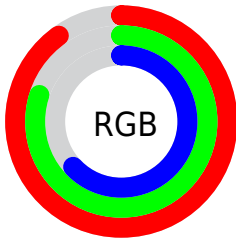
Format	Color
RYB	201, 230, 160
Decimal	15125664
CIELab	83.20, 2.67, 25.29
CIELCh	83, 25.434, 83.965
Yxy	62.5468, 0.3665, 0.3785
Android (android.graphics.Color)	4293315744 (0xFFE6CCA0)
YUV	206.7580, -23.0517, 20.3832
Hunter-Lab	79.0865, -1.6910, 23.7703

Details

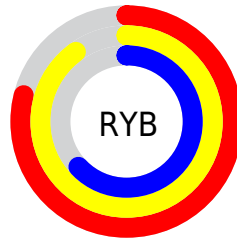
The RGB color **230, 204, 160** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **160, 186, 230**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **255, 255, 215**, and **174, 150, 108** is the 20% darker color. If you saturate the color by 10%, you get **230, 195, 137**, and if you desaturate by 10%, it is **230, 213, 183**.

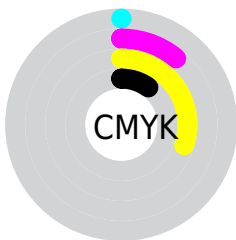
Distribution



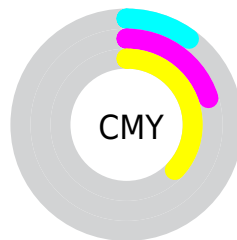
- Red (90%)
- Green (80%)
- Blue (63%)



- Red (79%)
- Yellow (90%)
- Blue (63%)



- Cyan (0%)
- Magenta (11%)
- Yellow (30%)
- Black (10%)



- Cyan (10%)
- Magenta (20%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the RGB color 230, 204, 160 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, 204, 160 by changing the saturation by 10% instead.

 230, 204, 160

 230, 204, 160


255, 255, 255

 201, 177, 134

 255, 255, 215

 174, 150, 108

 255, 255, 243

 146, 124, 84

 120, 99, 60

 94, 76, 38

 69, 53, 16


 46, 32, 0

 21, 9, 0


 0, 0, 0

 230, 204, 160


 230, 204, 160

 230, 195, 137


 230, 213, 183

 230, 187, 114


 230, 221, 206

 230, 178, 91


 230, 230, 229

 230, 170, 68

 230, 238, 252

 230, 161, 45

 230, 247, 255

 230, 153, 22

 230, 255, 255

 230, 145, 0

Harmonies

Analogous

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



249, 196, 169



230, 204, 160



205, 212, 163

Triad

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



230, 204, 160



140, 221, 226



234, 195, 236

Complementary

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



230, 204, 160



160, 186, 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.



205, 203, 251



230, 204, 160



147, 217, 245

Square

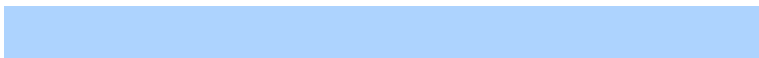
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230, 204, 160



153, 221, 201



173, 211, 254



252, 191, 213

Rectangle

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



230, 204, 160



187, 216, 172



173, 211, 254



225, 197, 242

Sweetspot

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



230, 204, 160



255, 246, 232



230, 160, 187



128, 122, 113



0, 0, 0



128, 128, 128

Same Dimension

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



230, 204, 160



255, 220, 161



222, 230, 160



115, 110, 103



179, 112, 0



51, 32, 0

Inverse Universe

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



160, 186, 230



161, 196, 255



168, 160, 230



103, 108, 115



0, 66, 179



0, 19, 51

Previews

White Background



This preview shows how the RGB color 230, 204, 160 looks on a white background.

Color Contrast Check

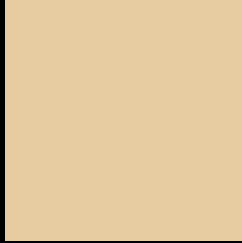
Large Text (above 18pt) WCAG AA × Fail

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, 204, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

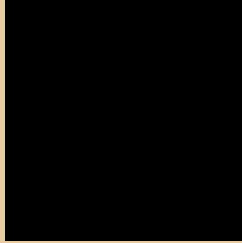
Any Text WCAG AA ✓ Pass

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, 204, 160 Background



This preview shows how black text looks on a background with the RGB color 230, 204, 160.



This preview shows how white text looks on a background with the RGB color 230, 204, 160.

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, 204, 160

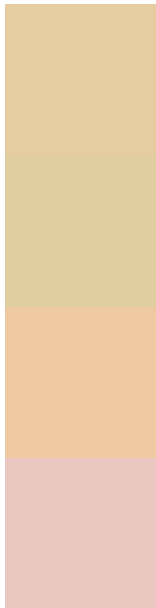
Protanopia
221, 207, 161

Deuteranopia
243, 199, 161



Tritanopia
236, 197, 212

Trichromacy



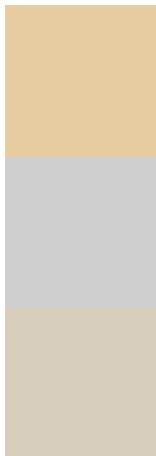
Original Color
230, 204, 160

Protanomaly
224, 206, 161

Deuteranomaly
238, 201, 161

Tritanomaly
234, 200, 193

Monochromacy



Original Color
230, 204, 160

Achromatopsia
207, 207, 207

Achromatomaly
215, 206, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 204, 160 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, 204, 160)` looks like.

```
.text, #text, p{  
    color:rgb(230, 204, 160)  
}
```

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, 204, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 204, 160) }
```

Border

The CSS property to change the border of an element to RGB 230, 204, 160 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, 204, 160) }
```

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

```
.border{ border-color:rgb(230, 204, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 204, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 204, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 204, 160);  
box-shadow:4px 4px 4px 4px rgb(230, 204,  
160) }
```

Background

The CSS property to change the background color of an element to RGB 230, 204, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 204, 160) }
```

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

```
.background{ background-color: rgb(230,  
204, 160) }
```

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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