

Converting Colors

RGB(231, 160, 109)

Have a look what the booklet for
RGB(231, 160, 109) contains.

RGB(231, 160, 109)	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(231, 160, 109)

Conversions

Conversions Part 1

Format	Color
Hex	E7A06D
RGB	231, 160, 109
RGB Percent	91%, 63%, 43%
CMY	0.0941, 0.3725, 0.5725
CMYK	0.00, 0.31, 0.53, 0.09
HSL	25°, 72%, 67%
HSV	25°, 53%, 91%
XYZ	48.2861, 43.2347, 20.2682
YIQ	175.4150, 58.6870, -0.8090

Conversions

Conversions Part 2

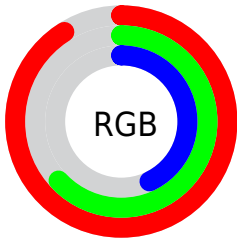
Format	Color
R _Y B	231, 197, 109
Decimal	15179885
CIE Lab	71.71, 20.88, 37.04
CIE LCh	72, 42.518, 60.581
Yxy	43.2347, 0.4319, 0.3868
Android (android.graphics.Color)	4293369965 (0xFFE7A06D)
YUV	175.4150, -32.7426, 48.7480
Hunter-Lab	65.7531, 16.0146, 27.7512

Details

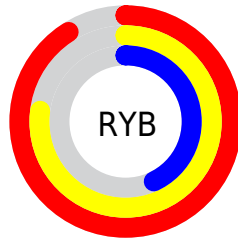
The RGB color **231, 160, 109** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **109, 180, 231**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **255, 215, 161**, and **172, 108, 60** is the 20% darker color. If you saturate the color by 10%, you get **231, 147, 86**, and if you desaturate by 10%, it is **231, 173, 132**.

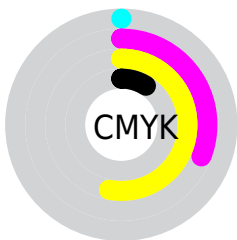
Distribution



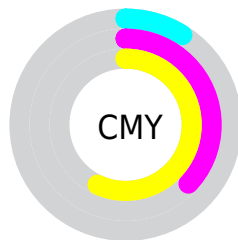
- Red (91%)
- Green (63%)
- Blue (43%)



- Red (91%)
- Yellow (77%)
- Blue (43%)



- Cyan (0%)
- Magenta (31%)
- Yellow (53%)
- Black (9%)





- Cyan (9%)
- Magenta (37%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the RGB color 231, 160, 109 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 231, 160, 109 by changing the saturation by 10% instead.

 231, 160, 109

 231, 160, 109

255, 255, 255

 201, 134, 84

 255, 215, 161

 172, 108, 60

 255, 243, 189

 144, 84, 37

 255, 255, 217

 116, 60, 13


 255, 255, 245


 89, 38, 0


 61, 16, 0


 38, 0, 0


 0, 0, 0


 231, 160, 109


 231, 160, 109

 231, 147, 86


 231, 173, 132

 231, 133, 63


 231, 187, 155

 231, 120, 40

 231, 200, 178

 231, 106, 17

 231, 214, 201

 231, 97, 0

 231, 227, 225

 231, 241, 248

 231, 254, 255

 231, 255, 255

Harmonies

Analogous

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



249, 148, 138



231, 160, 109



200, 174, 97

Triad

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



231, 160, 109



48, 196, 175



180, 165, 243

Complementary

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



231, 160, 109



109, 180, 231

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.



117, 179, 253



231, 160, 109



0, 195, 214

Square

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



231, 160, 109



112, 193, 136



17, 190, 242



225, 152, 214

Rectangle

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



231, 160, 109



174, 182, 101



17, 190, 242



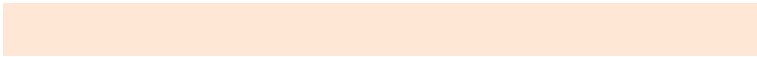
161, 170, 248

Sweetspot

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



231, 160, 109



255, 231, 214



231, 109, 180



128, 113, 103



0, 0, 0



128, 128, 128

Same Dimension

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



231, 160, 109



255, 162, 94



231, 221, 109



115, 108, 103



179, 75, 0



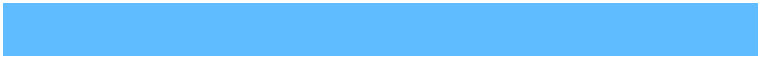
51, 21, 0

Inverse Universe

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



109, 180, 231



94, 188, 255



109, 119, 231



103, 110, 115



0, 104, 179



0, 30, 51

Previews

White Background



This preview shows how the RGB color 231, 160, 109 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 231, 160, 109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

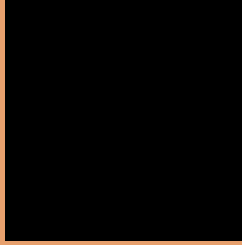
Any Text WCAG AA ✓ Pass

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 231, 160, 109 Background



This preview shows how black text looks on a background with the RGB color 231, 160, 109.

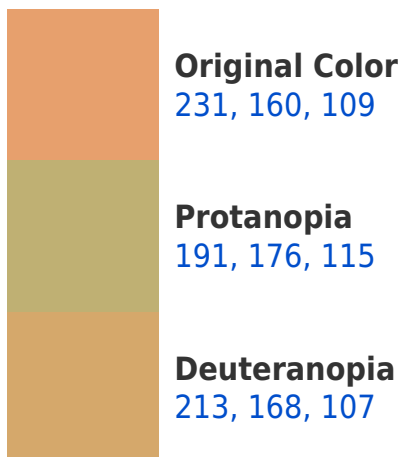



This preview shows how white text looks on a background with the RGB color 231, 160, 109.

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
235, 153, 164

Trichromacy



Original Color
231, 160, 109

Protanomaly
206, 170, 113

Deuteranomaly
220, 165, 108

Tritanomaly
234, 156, 144

Monochromacy



Original Color
231, 160, 109

Achromatopsia
175, 175, 175

Achromatomaly
195, 170, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 160, 109 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(231, 160, 109)` looks like.

```
.text, #text, p{  
    color:rgb(231, 160, 109)  
}
```

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(231, 160, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 160, 109) }
```

Border

The CSS property to change the border of an element to RGB 231, 160, 109 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(231, 160, 109) }
```

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

```
.border{ border-color:rgb(231, 160, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 160, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 160, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 160, 109);  
box-shadow:4px 4px 4px 4px rgb(231, 160,  
109) }
```

Background

The CSS property to change the background color of an element to RGB 231, 160, 109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 160, 109) }
```

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

```
.background{ background-color: rgb(231,  
160, 109) }
```

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