

Converting Colors

RGB(231, 167, 103)

Have a look what the booklet for
RGB(231, 167, 103) contains.

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Color

RGB(231, 167, 103)

Conversions

Conversions Part 1

Format	Color
Hex	E7A767
RGB	231, 167, 103
RGB Percent	91%, 65%, 40%
CMY	0.0941, 0.3451, 0.5961
CMYK	0.00, 0.28, 0.55, 0.09
HSL	30°, 73%, 65%
HSV	30°, 55%, 91%
XYZ	49.2219, 45.6056, 19.0405
YIQ	178.8400, 58.6880, -6.3360

Conversions

Conversions Part 2

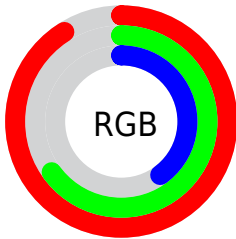
Format	Color
RYB	231, 231, 103
Decimal	15181671
CIELab	73.29, 16.66, 42.11
CIELCh	73, 45.280, 68.416
Yxy	45.6056, 0.4323, 0.4005
Android (android.graphics.Color)	4293371751 (0xFFE7A767)
YUV	178.8400, -37.3891, 45.7443
Hunter-Lab	67.5319, 11.9221, 30.5557

Details

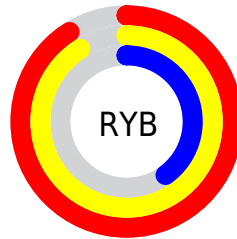
The RGB color **231, 167, 103** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **103, 167, 231**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **255, 222, 155**, and **172, 115, 54** is the 20% darker color. If you saturate the color by 10%, you get **231, 155, 80**, and if you desaturate by 10%, it is **231, 179, 126**.

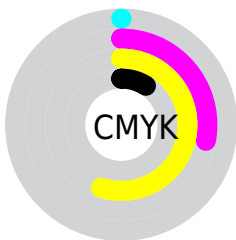
Distribution



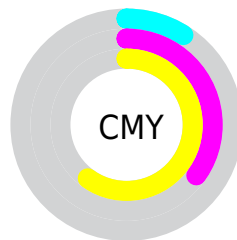
- Red (91%)
- Green (65%)
- Blue (40%)



- Red (91%)
- Yellow (91%)
- Blue (40%)



- Cyan (0%)
- Magenta (28%)
- Yellow (55%)
- Black (9%)





- Cyan (9%)
- Magenta (35%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the RGB color 231, 167, 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 231, 167, 103 by changing the saturation by 10% instead.

 231, 167, 103

 231, 167, 103

255, 255, 255

 201, 141, 78

 255, 222, 155

 172, 115, 54

 255, 251, 183

 144, 90, 29

 255, 255, 211

 116, 67, 3


 255, 255, 239


 89, 44, 0

 61, 23, 0

 37, 0, 0

 0, 0, 0

 231, 167, 103

 231, 167, 103

■ 231, 155, 80

■ 231, 179, 126

■ 231, 144, 57

■ 231, 190, 149

■ 231, 132, 34

■ 231, 202, 172

■ 231, 121, 11

■ 231, 213, 195

■ 231, 116, 0

■ 231, 225, 219

■ 231, 236, 242

■ 231, 248, 255

■ 231, 255, 255

Harmonies

Analogous

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



254, 153, 130



231, 167, 103



195, 181, 96

Triad

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



231, 167, 103



0, 202, 191



199, 165, 245

Complementary

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



231, 167, 103



103, 167, 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.



136, 180, 255



231, 167, 103



0, 200, 230

Square

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



231, 167, 103



95, 199, 148



36, 193, 255



241, 151, 211

Rectangle

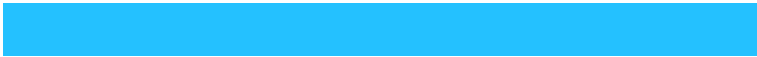
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



231, 167, 103



166, 189, 105



36, 193, 255



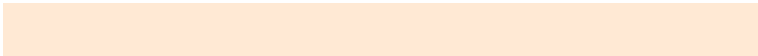
181, 170, 253

Sweetspot

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



231, 167, 103



255, 233, 212



231, 103, 167



128, 115, 102



0, 0, 0



128, 128, 128

Same Dimension

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



231, 167, 103



255, 171, 87



231, 231, 103



115, 109, 103



179, 89, 0



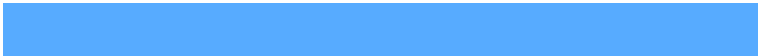
51, 26, 0

Inverse Universe

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



103, 167, 231



87, 171, 255



103, 103, 231



103, 109, 115



0, 89, 179



0, 26, 51

Previews

White Background



This preview shows how the RGB color 231, 167, 103 looks on a white background.

Color Contrast Check

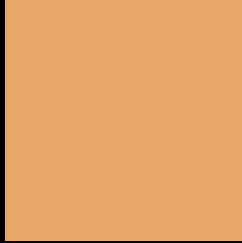
Large Text (above 18pt) WCAG AA × Fail

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 231, 167, 103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

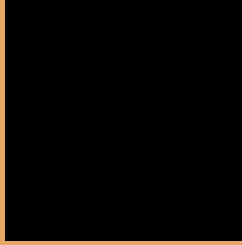
Any Text WCAG AA ✓ Pass

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 231, 167, 103 Background



This preview shows how black text looks on a background with the RGB color 231, 167, 103.

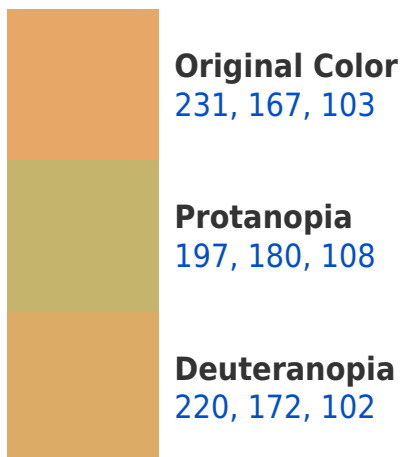


This preview shows how white text looks on a background with the RGB color 231, 167, 103.

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





Tritanopia
236, 159, 171

Trichromacy



Original Color
231, 167, 103

Protanomaly
209, 175, 106

Deuteranomaly
224, 170, 102

Tritanomaly
234, 162, 146

Monochromacy



Original Color
231, 167, 103

Achromatopsia
179, 179, 179

Achromatomaly
198, 175, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 167, 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(231, 167, 103)` looks like.

```
.text, #text, p{  
    color:rgb(231, 167, 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(231, 167, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 167, 103) }
```

Border

The CSS property to change the border of an element to RGB 231, 167, 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(231, 167, 103) }
```

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

```
.border{ border-color:rgb(231, 167, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 167, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 167, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 167, 103);  
box-shadow:4px 4px 4px 4px rgb(231, 167,  
103) }
```

Background

The CSS property to change the background color of an element to RGB 231, 167, 103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 167, 103) }
```

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

```
.background{ background-color: rgb(231,  
167, 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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