

Converting Colors

RGB(231, 165, 126)

Have a look what the booklet for
RGB(231, 165, 126) contains.

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Color

RGB(231, 165, 126)

Conversions

Conversions Part 1

Format	Color
Hex	E7A57E
RGB	231, 165, 126
RGB Percent	91%, 65%, 49%
CMY	0.0941, 0.3529, 0.5059
CMYK	0.00, 0.29, 0.45, 0.09
HSL	22°, 69%, 70%
HSV	22°, 45%, 91%
XYZ	50.1760, 45.4055, 25.8582
YIQ	180.2880, 51.8550, 1.8630

Conversions

Conversions Part 2

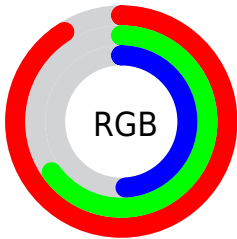
Format	Color
R _Y B	231, 188, 126
Decimal	15181182
CIE Lab	73.16, 19.80, 29.87
CIE LCh	73, 35.833, 56.461
Yxy	45.4055, 0.4132, 0.3739
Android (android.graphics.Color)	4293371262 (0xFFE7A57E)
YUV	180.2880, -26.7640, 44.4744
Hunter-Lab	67.3836, 14.9955, 24.4162

Details

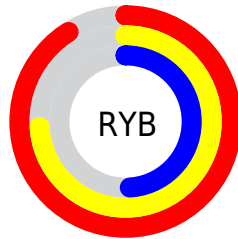
The RGB color **231, 165, 126** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **126, 192, 231**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **255, 220, 179**, and **173, 113, 76** is the 20% darker color. If you saturate the color by 10%, you get **231, 150, 103**, and if you desaturate by 10%, it is **231, 180, 149**.

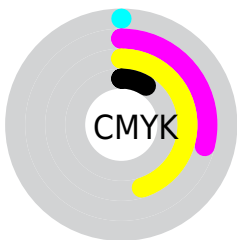
Distribution



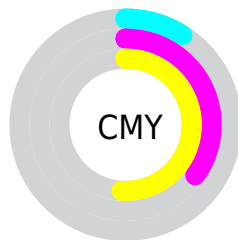
- Red (91%)
- Green (65%)
- Blue (49%)



- Red (91%)
- Yellow (74%)
- Blue (49%)



- Cyan (0%)
- Magenta (29%)
- Yellow (45%)
- Black (9%)





- Cyan (9%)
- Magenta (35%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the RGB color 231, 165, 126 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, 165, 126 by changing the saturation by 10% instead.

 231, 165, 126

 231, 165, 126

255, 255, 255

 202, 139, 101

 255, 220, 179

 173, 113, 76

 255, 249, 207

 145, 88, 53

 255, 255, 235

 117, 65, 31


 90, 42, 8

 64, 20, 0

 40, 0, 0

 0, 0, 0

 231, 165, 126

 231, 165, 126

■ 231, 150, 103

■ 231, 180, 149

■ 231, 136, 80

■ 231, 194, 172

■ 231, 121, 57

■ 231, 209, 195

■ 231, 107, 34

■ 231, 223, 218

■ 231, 92, 10

■ 231, 238, 242

■ 231, 86, 0

■ 231, 252, 255

■ 231, 255, 255

Harmonies

Analogous

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



244, 156, 152



231, 165, 126



205, 176, 114

Triad

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



231, 165, 126



93, 197, 174



178, 173, 238

Complementary

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



231, 165, 126



126, 192, 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.



128, 184, 245



231, 165, 126



61, 197, 208

Square

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



231, 165, 126



133, 194, 142



78, 192, 233



218, 161, 216

Rectangle

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



231, 165, 126



184, 183, 116



78, 192, 233



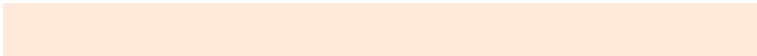
162, 177, 242

Sweetspot

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



231, 165, 126



255, 233, 219



231, 126, 192



128, 114, 106



0, 0, 0



128, 128, 128

Same Dimension

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



231, 165, 126



255, 167, 115



231, 217, 126



115, 108, 103



179, 66, 0



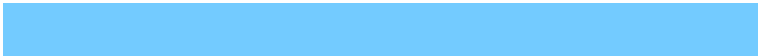
51, 19, 0

Inverse Universe

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



126, 192, 231



115, 203, 255



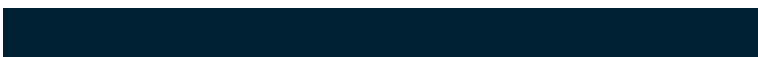
126, 140, 231



103, 110, 115



0, 112, 179



0, 32, 51

Previews

White Background



This preview shows how the RGB color 231, 165, 126 looks on a white background.

Color Contrast Check

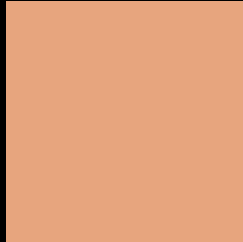
Large Text (above 18pt) WCAG AA × Fail

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, 165, 126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

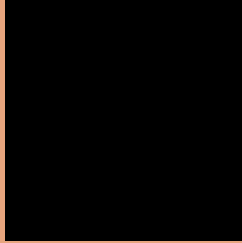
Any Text WCAG AA ✓ Pass

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, 165, 126 Background



This preview shows how black text looks on a background with the RGB color 231, 165, 126.



This preview shows how white text looks on a background with the RGB color 231, 165, 126.

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
231, 165, 126

Protanopia
193, 180, 132

Deuteranopia
215, 172, 125



Tritanopia
235, 159, 171

Trichromacy



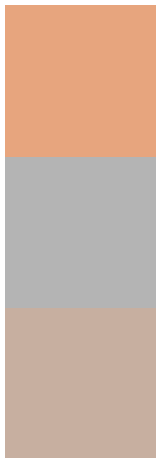
Original Color
231, 165, 126

Protanomaly
207, 175, 130

Deuteranomaly
221, 169, 125

Tritanomaly
234, 161, 155

Monochromacy



Original Color
231, 165, 126

Achromatopsia
180, 180, 180

Achromatomaly
199, 175, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 165, 126 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, 165, 126)` looks like.

```
.text, #text, p{  
    color:rgb(231, 165, 126)  
}
```

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, 165, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 165, 126) }
```

Border

The CSS property to change the border of an element to RGB 231, 165, 126 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, 165, 126) }
```

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

```
.border{ border-color:rgb(231, 165, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 165, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 165, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 165, 126);  
box-shadow:4px 4px 4px 4px rgb(231, 165,  
126) }
```

Background

The CSS property to change the background color of an element to RGB 231, 165, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 165, 126) }
```

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

```
.background{ background-color: rgb(231,  
165, 126) }
```

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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