

Converting Colors

RGB(226, 139, 106)

Have a look what the booklet for
RGB(226, 139, 106) contains.

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Color

RGB(226, 139, 106)

Conversions

Conversions Part 1

Format	Color
Hex	E28B6A
RGB	226, 139, 106
RGB Percent	89%, 55%, 42%
CMY	0.1137, 0.4549, 0.5843
CMYK	0.00, 0.38, 0.53, 0.11
HSL	16°, 67%, 65%
HSV	16°, 53%, 89%
XYZ	43.1982, 35.6746, 18.2448
YIQ	161.2510, 62.4450, 8.1810

Conversions

Conversions Part 2

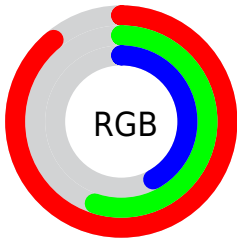
Format	Color
R _Y B	226, 152, 106
Decimal	14846826
CIE Lab	66.27, 29.81, 31.58
CIE LCh	66, 43.431, 46.654
Yxy	35.6746, 0.4448, 0.3673
Android (android.graphics.Color)	4293036906 (0xFFE28B6A)
YUV	161.2510, -27.2387, 56.7849
Hunter-Lab	59.7282, 24.5750, 23.6988

Details

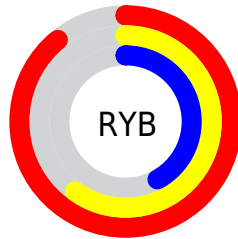
The RGB color **226, 139, 106** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **106, 193, 226**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **255, 193, 158**, and **167, 88, 58** is the 20% darker color. If you saturate the color by 10%, you get **226, 123, 83**, and if you desaturate by 10%, it is **226, 155, 129**.

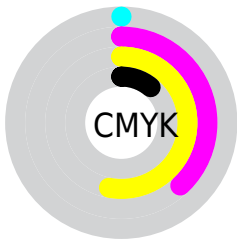
Distribution



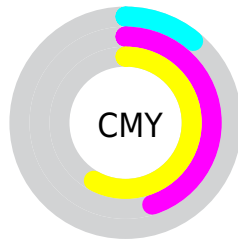
- Red (89%)
- Green (55%)
- Blue (42%)



- Red (89%)
- Yellow (60%)
- Blue (42%)



- Cyan (0%)
- Magenta (38%)
- Yellow (53%)
- Black (11%)



- Cyan (11%)
- Magenta (45%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 226, 139, 106 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 226, 139, 106 by changing the saturation by 10% instead.

 226, 139, 106


255, 255, 255

 255, 193, 158

 255, 221, 185

 255, 250, 213


 255, 255, 241

 226, 139, 106

 196, 113, 81

 167, 88, 58

 138, 63, 36

 110, 40, 14


 83, 15, 0

 55, 0, 0

 27, 0, 1

 0, 0, 0

 226, 139, 106

 226, 139, 106

226, 123, 83

226, 155, 129

226, 106, 61

226, 172, 151

226, 90, 38

226, 188, 174

226, 73, 16

226, 205, 196

226, 62, 0

226, 221, 219

226, 237, 242

226, 254, 255

226, 255, 255

Harmonies

Analogous

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



236, 130, 141



226, 139, 106



200, 153, 85

Triad

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



226, 139, 106



61, 180, 142



137, 158, 236

Complementary

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



226, 139, 106



106, 193, 226

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.



54, 170, 236



226, 139, 106



0, 181, 182

Square

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



226, 139, 106



120, 175, 106



0, 178, 217



192, 143, 215

Rectangle

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



226, 139, 106



177, 162, 82



0, 178, 217



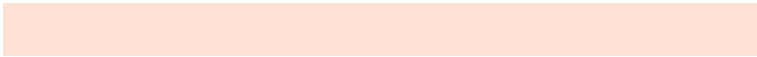
114, 162, 238

Sweetspot

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



226, 139, 106



255, 225, 214



226, 106, 194



128, 110, 103



0, 0, 0



128, 128, 128

Same Dimension

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



226, 139, 106



255, 137, 92



226, 198, 106



112, 104, 101



176, 48, 0



48, 13, 0

Inverse Universe

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



106, 193, 226



92, 210, 255



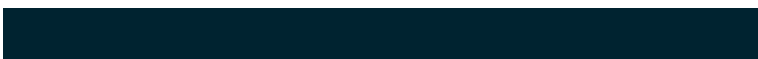
106, 134, 226



101, 109, 112



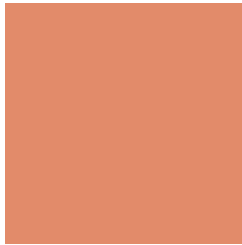
0, 128, 176



0, 35, 48

Previews

White Background



This preview shows how the RGB color 226, 139, 106 looks on a white background.

Color Contrast Check

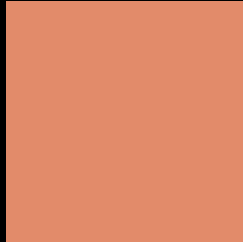
Large Text (above 18pt) WCAG AA × Fail

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 226, 139, 106 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 226, 139, 106 Background



This preview shows how black text looks on a background with the RGB color 226, 139, 106.



This preview shows how white text looks on a background with the RGB color 226, 139, 106.

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
226, 139, 106

Protanopia
174, 161, 115

Deuteranopia
195, 154, 103



Tritanopia
229, 134, 144

Trichromacy



Original Color
226, 139, 106

Protanomaly
193, 153, 112

Deuteranomaly
206, 149, 104

Tritanomaly
228, 136, 130

Monochromacy



Original Color
226, 139, 106

Achromatopsia
161, 161, 161

Achromatomaly
185, 153, 141

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 139, 106 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(226, 139, 106)` looks like.

```
.text, #text, p{  
    color:rgb(226, 139, 106)  
}
```

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(226, 139, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 139, 106) }
```

Border

The CSS property to change the border of an element to RGB 226, 139, 106 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(226, 139, 106) }
```

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

```
.border{ border-color:rgb(226, 139, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 139, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 139, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 139, 106); box-shadow:4px 4px 4px 4px rgb(226, 139, 106) }
```

Background

The CSS property to change the background color of an element to RGB 226, 139, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 139, 106) }
```

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

```
.background{ background-color: rgb(226,  
139, 106) }
```

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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