

Converting Colors

RGB(237, 107, 81)

Have a look what the booklet for
RGB(237, 107, 81) contains.

RGB(237, 107, 81)	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(237, 107, 81)

Conversions

Conversions Part 1

Format	Color
Hex	ED6B51
RGB	237, 107, 81
RGB Percent	93%, 42%, 32%
CMY	0.0706, 0.5804, 0.6824
CMYK	0.00, 0.55, 0.66, 0.07
HSL	10°, 81%, 62%
HSV	10°, 66%, 93%
XYZ	41.6679, 29.1140, 11.2080
YIQ	142.9060, 85.8260, 19.4740

Conversions

Conversions Part 2

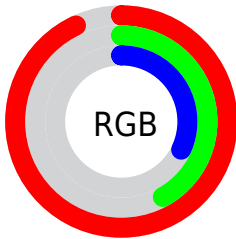
Format	Color
R _Y B	237, 112, 81
Decimal	15559505
CIE Lab	60.88, 48.44, 38.82
CIE LCh	61, 62.081, 38.710
Yxy	29.1140, 0.5082, 0.3551
Android (android.graphics.Color)	4293749585 (0xFFED6B51)
YUV	142.9060, -30.5197, 82.5204
Hunter-Lab	53.9574, 43.4191, 25.4545

Details

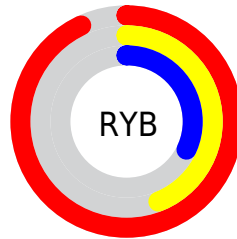
The RGB color **237, 107, 81** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **81, 211, 237**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **255, 162, 131**, and **175, 53, 35** is the 20% darker color. If you saturate the color by 10%, you get **237, 87, 57**, and if you desaturate by 10%, it is **237, 127, 105**.

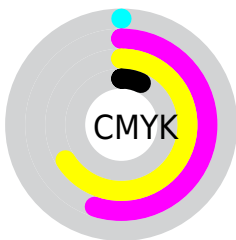
Distribution



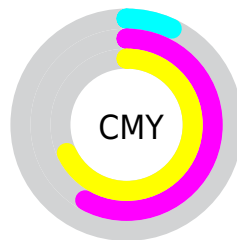
- Red (93%)
- Green (42%)
- Blue (32%)



- Red (93%)
- Yellow (44%)
- Blue (32%)



- Cyan (0%)
- Magenta (55%)
- Yellow (66%)
- Black (7%)



- Cyan (7%)
- Magenta (58%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the RGB color 237, 107, 81 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 237, 107, 81 by changing the saturation by 10% instead.

 237, 107, 81  237, 107, 81


255, 255, 255  206, 80, 57

 255, 162, 131  175, 53, 35

 255, 190, 157  144, 23, 13

 255, 218, 184  115, 0, 0

 255, 247, 212  85, 0, 0

 255, 255, 241  58, 0, 2

 20, 0, 0

 0, 0, 0

 237, 107, 81  237, 107, 81

 237, 87, 57

 237, 127, 105

 237, 67, 34

 237, 146, 128

 237, 48, 10

 237, 166, 152

 237, 40, 0

 237, 186, 176

 237, 206, 199

 237, 225, 223

 237, 245, 247

 237, 255, 255

Harmonies

Analogous

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



246, 93, 133



237, 107, 81



206, 130, 38

Triad

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



237, 107, 81



0, 170, 105



51, 148, 255

Complementary

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



237, 107, 81



81, 211, 237

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.



0, 163, 249



237, 107, 81



0, 173, 162

Square

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



237, 107, 81



101, 163, 54



0, 171, 214



170, 125, 233

Rectangle

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



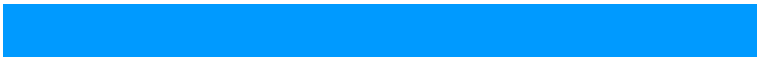
237, 107, 81



176, 143, 19



0, 171, 214



0, 154, 255

Sweetspot

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



237, 107, 81



255, 213, 204



237, 81, 211



128, 102, 97



0, 0, 0



128, 128, 128

Same Dimension

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



237, 107, 81



255, 87, 54



237, 185, 81



117, 108, 106



181, 30, 0



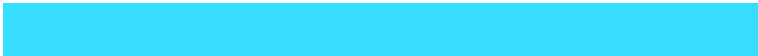
54, 9, 0

Inverse Universe

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



81, 211, 237



54, 221, 255



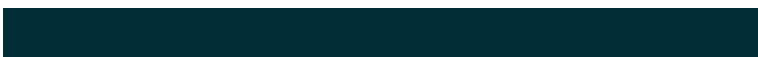
81, 133, 237



106, 115, 117



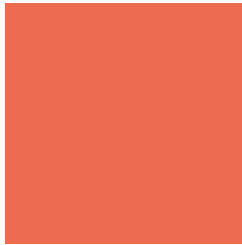
0, 151, 181



0, 45, 54

Previews

White Background



This preview shows how the RGB color 237, 107, 81 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 237, 107, 81 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 237, 107, 81 Background



This preview shows how black text looks on a background with the RGB color 237, 107, 81.



This preview shows how white text looks on a background with the RGB color 237, 107, 81.

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
237, 107, 81

Protanopia
160, 147, 96

Deuteranopia
181, 140, 74



Tritanopia
239, 103, 110

Trichromacy



Original Color
237, 107, 81

Protanomaly
188, 132, 91

Deuteranomaly
201, 128, 77

Tritanomaly
238, 104, 99

Monochromacy



Original Color
237, 107, 81

Achromatopsia
143, 143, 143

Achromatomaly
177, 130, 120

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 107, 81 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(237, 107, 81)` looks like.

```
.text, #text, p{  
    color:rgb(237, 107, 81)  
}
```

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(237, 107, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 107, 81) }
```

Border

The CSS property to change the border of an element to RGB 237, 107, 81 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(237, 107, 81) }
```

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

```
.border{ border-color:rgb(237, 107, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 107, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 107, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 107, 81);  
box-shadow:4px 4px 4px 4px rgb(237, 107,  
81) }
```

Background

The CSS property to change the background color of an element to RGB 237, 107, 81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 107, 81) }
```

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

```
.background{ background-color: rgb(237,  
107, 81) }
```

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