

Converting Colors

Hex(EC8157)

Have a look what the booklet for
Hex(EC8157) contains.

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Color

Hex(EC8157)

Conversions

Conversions Part 1

Format	Color
Hex	EC8157
RGB	236, 129, 87
RGB Percent	93%, 51%, 34%
CMY	0.0745, 0.4941, 0.6588
CMYK	0.00, 0.45, 0.63, 0.07
HSL	17°, 80%, 63%
HSV	17°, 63%, 93%
XYZ	44.1626, 34.2215, 13.2946
YIQ	156.2050, 77.2540, 9.6220

Conversions

Conversions Part 2

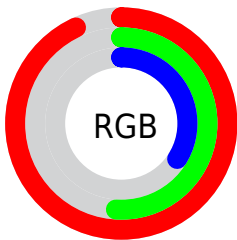
Format	Color
R _Y B	236, 145, 87
Decimal	15499607
CIE Lab	65.14, 37.53, 40.67
CIE LCh	65, 55.344, 47.299
Yxy	34.2215, 0.4817, 0.3733
Android (android.graphics.Color)	4293689687 (0xFFEC8157)
YUV	156.2050, -34.1181, 69.9802
Hunter-Lab	58.4991, 32.3811, 27.4751

Details

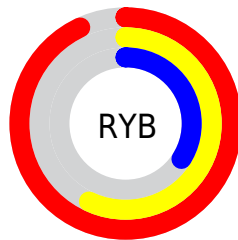
The Hex color **EC8157** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **57C2EC**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFB78A**, and **AF4D27** is the 20% darker color. If you saturate the color by 10%, you get **EC703F**, and if you desaturate by 10%, it is **EC926F**.

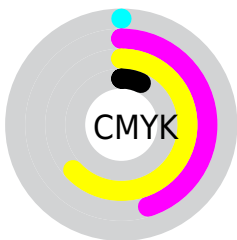
Distribution



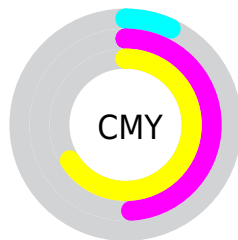
- Red (93%)
- Green (51%)
- Blue (34%)



- Red (93%)
- Yellow (57%)
- Blue (34%)



- Cyan (0%)
- Magenta (45%)
- Yellow (63%)
- Black (7%)



- Cyan (7%)
- Magenta (49%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC8157 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 Hex color EC8157 by changing the saturation by 10% instead.

 EC8157

 EC8157


FFFFFF

 CD673F

 FFB78A

 AF4D27

 FFD3A4

 913410

 FFF0C0

 741B00

 FFFFDC

 570000

 FFFFF9

 3B0000

 1E0001

 000000

 EC8157

 EC8157

 EC703F

 EC926F

 EC5F28

 ECA386

 EC4E10

 ECB49E

 EC4300

 ECC5B5

 ECD6CD

 ECE7E5

 ECF8FC

 ECFFFF

Harmonies

Analogous

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



FA7383



EC8157



CB9439

Triad

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



EC8157



00B587



7B99FD

Complementary

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



EC8157



57C2EC

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.



00AAFE



EC8157



00B7BA

Square

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



EC8157



64AF58



00B3E6



C585E2

Rectangle

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



EC8157



AE9F35



00B3E6



55A0FF

Sweetspot

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



EC8157



FFDCCF



EC57C4



806A62



000000



808080

Same Dimension

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



EC8157



FF743D



ECC957



756D6A



B53300



360F00

Inverse Universe

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



57C2EC



3DC8FF



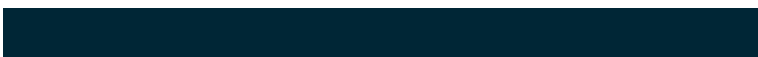
577AEC



6A7275



0082B5



002636

Previews

White Background



This preview shows how the Hex color EC8157 looks on a white background.

Color Contrast Check

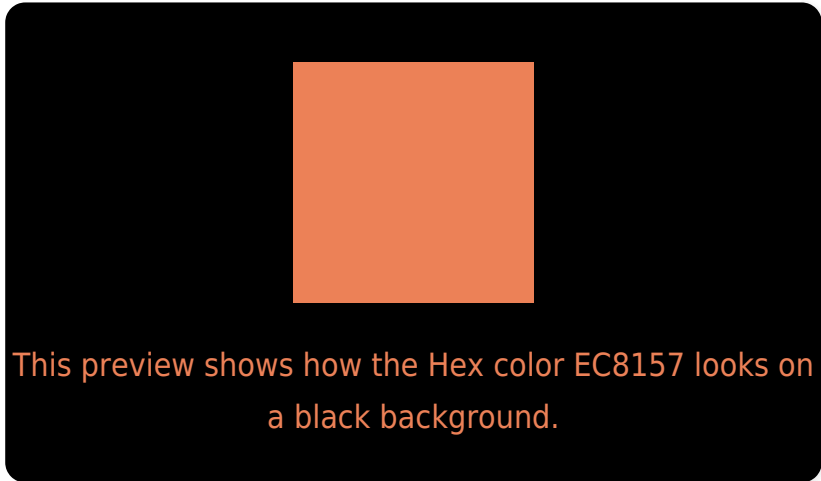
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

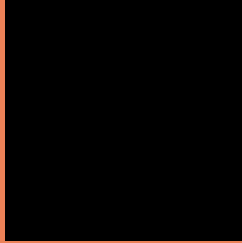
Any Text WCAG AA ✓ Pass

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](#).

Hex EC8157 Background



This preview shows how black text looks on a background with the Hex color EC8157.

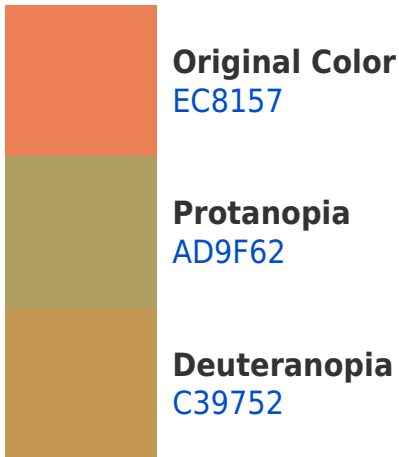


This preview shows how white text looks on a background with the Hex color EC8157.

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](#).

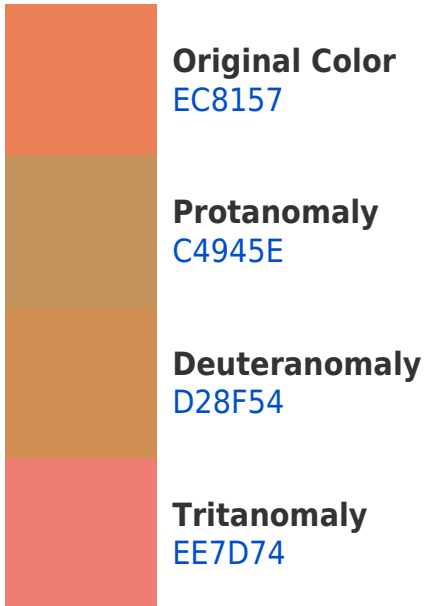
Dichromacy



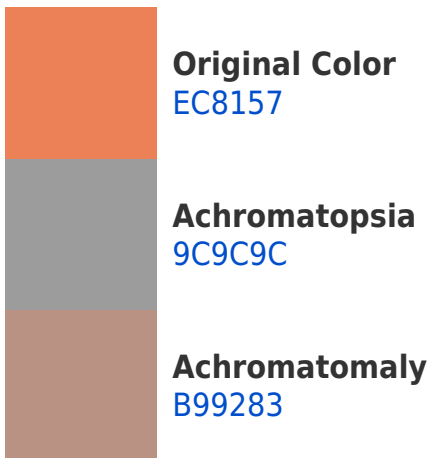


Tritanopia
EF7B84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EC8157 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 #EC8157 looks like.

```
.text, #text, p{  
    color:#EC8157  
}
```

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 #EC8157 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC8157  
}
```

Border

The CSS property to change the border of an element to Hex EC8157 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  
#EC8157 }
```

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

```
.border{ border-color:#EC8157 }
```

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

Here you see how a box with a 4 pixel #EC8157 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC8157; -webkit-box-shadow:4px 4px  
4px 4px #EC8157; box-shadow:4px 4px 4px  
4px #EC8157 }
```

Background

The CSS property to change the background color of an element to Hex EC8157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC8157 }
```

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

```
.background{ background-color:#EC8157 }
```

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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