

# Converting Colors

Hex(EC6D57)

Have a look what the booklet for  
Hex(EC6D57) contains.

<b>Hex(EC6D57)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(**EC6D57**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EC6D57
RGB	236, 109, 87
RGB Percent	93%, 43%, 34%
CMY	0.0745, 0.5725, 0.6588
CMYK	0.00, 0.54, 0.63, 0.07
HSL	9°, 80%, 63%
HSV	9°, 63%, 93%
XYZ	41.7810, 29.4583, 12.5007
YIQ	144.4650, 82.7540, 20.0820

# Conversions

## Conversions Part 2

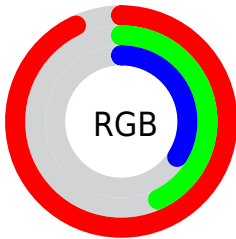
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	236, 113, 87
Decimal	15494487
CIE <sub>Lab</sub>	61.18, 47.49, 35.87
CIE <sub>LCh</sub>	61, 59.511, 37.068
Yxy	29.4583, 0.4989, 0.3518
Android (android.graphics.Color)	4293684567 (0xFFEC6D57)
YUV	144.4650, -28.3302, 80.2762
Hunter-Lab	54.2755, 42.4264, 24.3371

# Details

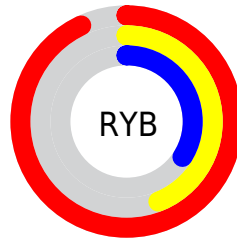
The Hex color **EC6D57** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **57D6EC**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFA389**, and **AE3829** is the 20% darker color. If you saturate the color by 10%, you get **EC593F**, and if you desaturate by 10%, it is **EC816F**.

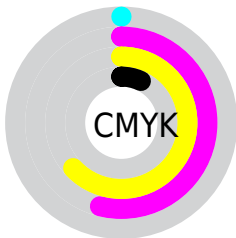
# Distribution



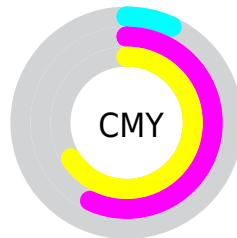
- Red (93%)
- Green (43%)
- Blue (34%)



- Red (93%)
- Yellow (44%)
- Blue (34%)



- Cyan (0%)
- Magenta (54%)
- Yellow (63%)
- Black (7%)



- Cyan (7%)
- Magenta (57%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC6D57 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 EC6D57 by changing the saturation by 10% instead.



 EC6D57

 EC6D57

FFFFFF

 CD523F

 FFA389

 AE3829

 FFC0A4

 901A13

 FFDCBF

 730000

 FFF9DB

 550000

 FFFFF8

 3A0002

 150000

 000000

 EC6D57

 EC6D57

 EC593F

 EC816F

 EC4528

 EC9586

 EC3110

 ECA99E

 EC2300

 ECBDB5

 ECD2CD

 ECE6E5

 ECFAFC

 ECFFFF

# Harmonies

## Analogous

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



F36289



EC6D57



CF822F

# Triad

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



EC6D57



00AA69



3496FC

# Complementary

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



EC6D57



57D6EC

# 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.



00A4F4



EC6D57



00AD9F

# Square

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



EC6D57



6CA239



00ABD2



A680E8

# Rectangle

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



EC6D57



B38F1F



00ABD2



009BFD

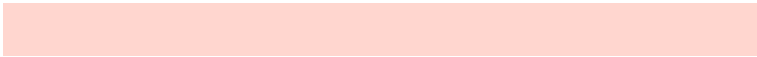


# Sweetspot

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



EC6D57



FFD6CF



EC57D8



806762



000000



808080



# Same Dimension

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



EC6D57



FF5A3D



ECB557



756B6A



B51B00



360800

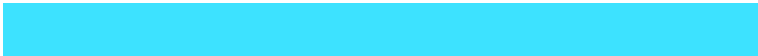


# Inverse Universe

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



57D6EC



3DE2FF



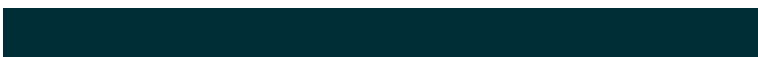
578EEC



6A7475



009AB5



002E36



# Previews

## White Background



This preview shows how the Hex color EC6D57 looks on a white background.

## Color Contrast Check

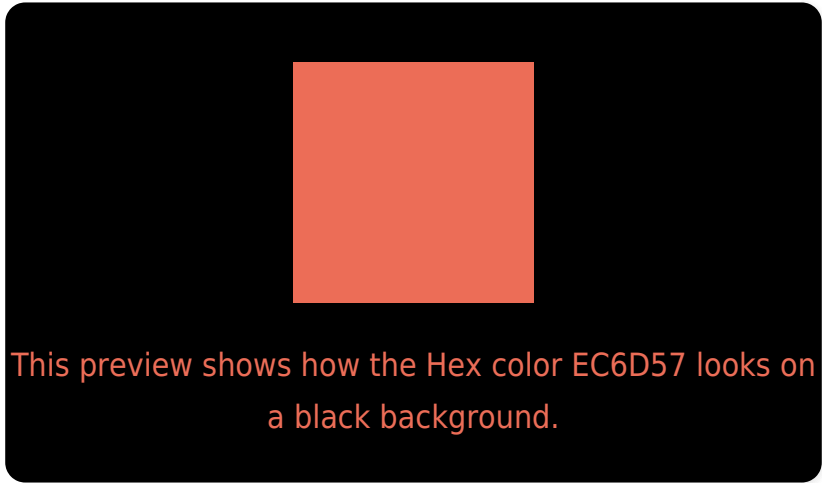
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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](#).



## Hex EC6D57 Background



This preview shows how black text looks on a background with the Hex color EC6D57.



This preview shows how white text looks on a background with the Hex color EC6D57.

# 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



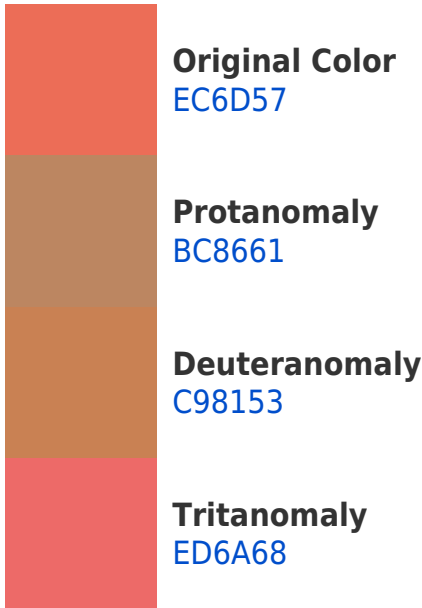
**Original Color**  
EC6D57

**Protanopia**  
A09466

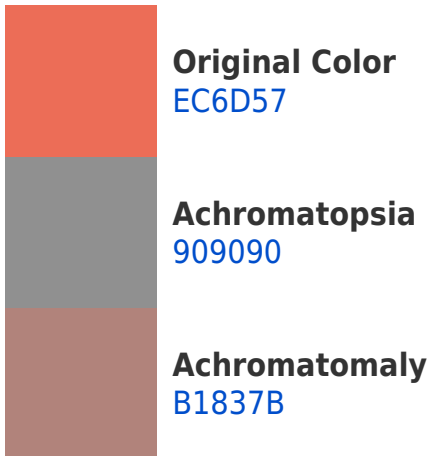
**Deuteranopia**  
B58D51



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC6D57 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 #EC6D57 looks like.

```
.text, #text, p{  
    color:#EC6D57  
}
```

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 #EC6D57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC6D57
}
```

## Border

The CSS property to change the border of an element to Hex EC6D57 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
#EC6D57 }
```

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

```
.border{ border-color:#EC6D57 }
```

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

Here you see how a box with a 4 pixel #EC6D57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC6D57; -webkit-box-shadow:4px 4px  
4px 4px #EC6D57; box-shadow:4px 4px 4px  
4px #EC6D57 }
```

# Background

The CSS property to change the background color of an element to Hex EC6D57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC6D57 }
```

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

```
.background{ background-color:#EC6D57 }
```

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