

Converting Colors

Hex(EC6457)

Have a look what the booklet for
Hex(EC6457) contains.

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Color

Hex(EC6457)

Conversions

Conversions Part 1

Format	Color
Hex	EC6457
RGB	236, 100, 87
RGB Percent	93%, 39%, 34%
CMY	0.0745, 0.6078, 0.6588
CMYK	0.00, 0.58, 0.63, 0.07
HSL	5°, 80%, 63%
HSV	5°, 63%, 93%
XYZ	40.8695, 27.6353, 12.1969
YIQ	139.1820, 85.2290, 24.7890

Conversions

Conversions Part 2

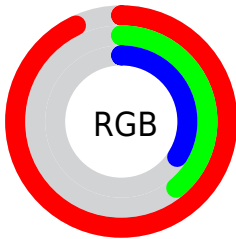
Format	Color
R_{YB}	236, 101, 87
Decimal	15492183
CIE Lab	59.56, 51.71, 33.86
CIE LCh	60, 61.810, 33.218
Yxy	27.6353, 0.5064, 0.3424
Android (android.graphics.Color)	4293682263 (0xFFEC6457)
YUV	139.1820, -25.7257, 84.9094
Hunter-Lab	52.5693, 46.7769, 23.0423

Details

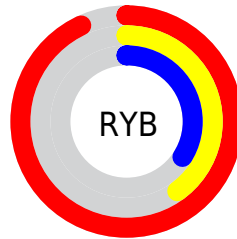
The Hex color **EC6457** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **57DFEC**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF9B89**, and **AE2C29** is the 20% darker color. If you saturate the color by 10%, you get **EC4E3F**, and if you desaturate by 10%, it is **EC7A6F**.

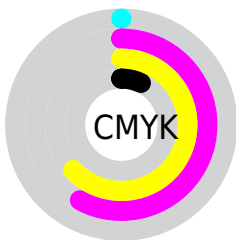
Distribution



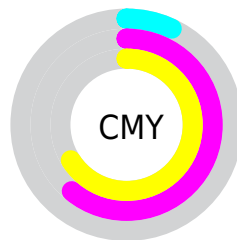
- Red (93%)
- Green (39%)
- Blue (34%)



- Red (93%)
- Yellow (40%)
- Blue (34%)



- Cyan (0%)
- Magenta (58%)
- Yellow (63%)
- Black (7%)



- Cyan (7%)
- Magenta (61%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC6457 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 EC6457 by changing the saturation by 10% instead.

 EC6457

 EC6457

FFFFFF

 CD493F

 FF9B89

 AE2C29

 FFB7A4

 900514

 FFD4BF

 720000

 FFF1DB

 540000

 FFFFF7

 390002

 100000

 000000

 EC6457

 EC6457

 EC4E3F

 EC7A6F

 EC3928

 EC8F86

 EC2310

 ECA59E

 EC1500

 ECBAB5

 ECD0CD

 ECE5E5

 ECFBFC

 ECFFFF

Harmonies

Analogous

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



F05A8C



EC6457



D17A2A

Triad

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



EC6457



00A55C



0094FC

Complementary

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



EC6457



57DFEC

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.



00A2F0



EC6457



00A994

Square

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



EC6457



6E9D2B



00A8CA



977EEB

Rectangle

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



EC6457



B58913



00A8CA



0099FC

Sweetspot

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



EC6457



FFD3CF



EC57E0



806562



000000



808080

Same Dimension

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



EC6457



FF4E3D



ECAE57



756B6A



B51000



360500

Inverse Universe

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



57DFEC



3DEEFF



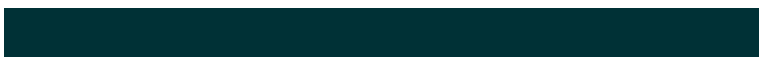
5795EC



6A7475



00A5B5



003136

Previews

White Background



This preview shows how the Hex color EC6457 looks on a white background.

Color Contrast Check

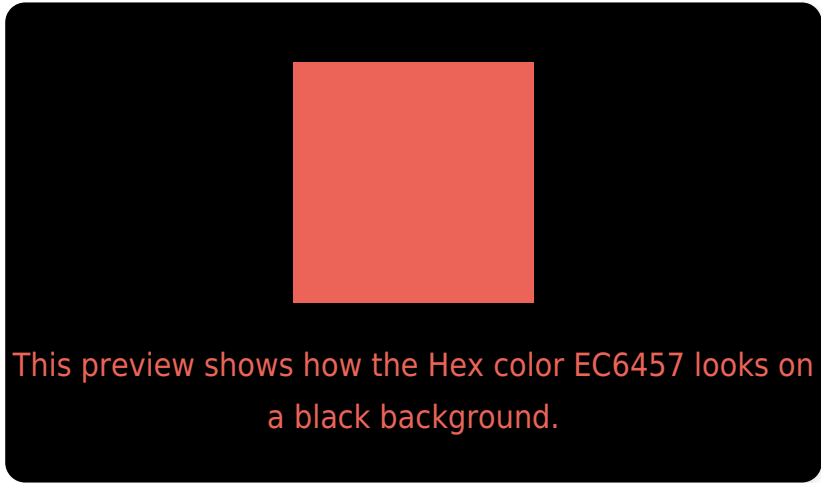
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC6457 Background



This preview shows how black text looks on a background with the Hex color EC6457.



This preview shows how white text looks on a background with the Hex color EC6457.

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



Trichromacy



Original Color
EC6457

Protanomaly
B88062

Deuteranomaly
C67C53

Tritanomaly
ED6362

Monochromacy



Original Color
EC6457

Achromatopsia
8B8B8B

Achromatomaly
AE7D78

CSS Examples

Text

The CSS property to change the color of the text to Hex EC6457 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 #EC6457 looks like.

```
.text, #text, p{  
    color:#EC6457  
}
```

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 #EC6457 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC6457
}
```

Border

The CSS property to change the border of an element to Hex EC6457 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
#EC6457 }
```

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

```
.border{ border-color:#EC6457 }
```

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

Here you see how a box with a 4 pixel #EC6457 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC6457; -webkit-box-shadow:4px 4px  
4px 4px #EC6457; box-shadow:4px 4px 4px  
4px #EC6457 }
```

Background

The CSS property to change the background color of an element to Hex EC6457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC6457 }
```

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

```
.background{ background-color:#EC6457 }
```

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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