

Converting Colors

Hex(EC6847)

Have a look what the booklet for
Hex(EC6847) contains.

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Color

Hex(EC6847)

Conversions

Conversions Part 1

Format	Color
Hex	EC6847
RGB	236, 104, 71
RGB Percent	93%, 41%, 28%
CMY	0.0745, 0.5922, 0.7216
CMYK	0.00, 0.56, 0.70, 0.07
HSL	12°, 81%, 60%
HSV	12°, 70%, 93%
XYZ	40.6797, 28.1884, 9.2581
YIQ	139.7060, 89.2650, 17.7210

Conversions

Conversions Part 2

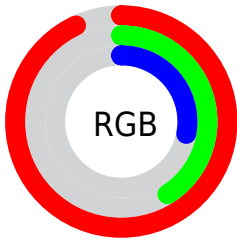
Format	Color
RYB	236, 112, 71
Decimal	15493191
CIELab	60.06, 48.97, 43.19
CIELCh	60, 65.292, 41.413
Yxy	28.1884, 0.5207, 0.3608
Android (android.graphics.Color)	4293683271 (0xFFEC6847)
YUV	139.7060, -33.8721, 84.4498
Hunter-Lab	53.0928, 43.8544, 26.8262

Details

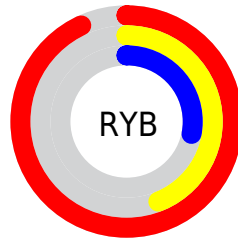
The Hex color **EC6847** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **47CBEC**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF9E79**, and **AE3218** is the 20% darker color. If you saturate the color by 10%, you get **EC552F**, and if you desaturate by 10%, it is **EC7B5F**.

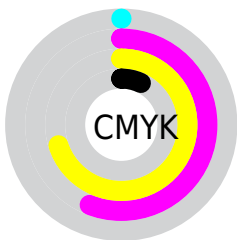
Distribution



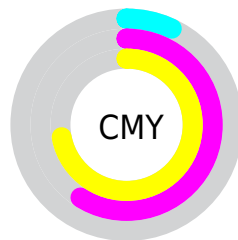
- Red (93%)
- Green (41%)
- Blue (28%)



- Red (93%)
- Yellow (44%)
- Blue (28%)



- Cyan (0%)
- Magenta (56%)
- Yellow (70%)
- Black (7%)



- Cyan (7%)
- Magenta (59%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC6847 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 EC6847 by changing the saturation by 10% instead.

 EC6847

 EC6847

FFFFFF

 CD4D2F

 FF9E79

 AE3218

 FFBA93

 8F1200

 FFD7AE

 710000

 FFF4C9

 530000

 FFFFEE

 390002

 0F0000

 000000

 EC6847

 EC6847

 EC552F

 EC7B5F

 EC4218

 EC8E76

 EC2F00

 ECA18E

 ECB4A5

 ECC6BD

 ECD9D5

 ECECEC

 ECFFFF

Harmonies

Analogous

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



F8577D



EC6847



CA8116

Triad

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



EC6847



00A96A



3690FF

Complementary

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



EC6847



47CBEC

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.



00A1FE



EC6847



00ACA6

Square

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



EC6847



58A232



00A9DC



AF77E8

Rectangle

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



EC6847



AA8F00



00A9DC



0097FF

Sweetspot

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



EC6847



FFD4C9



EC47CB



806660



000000



808080

Same Dimension

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



EC6847



FF5429



ECBB47



756C6A



B52400



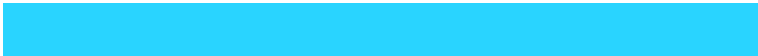
360B00

Inverse Universe

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



47CBEC



29D4FF



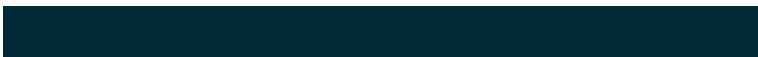
4778EC



6A7375



0091B5



002B36

Previews

White Background



This preview shows how the Hex color EC6847 looks on a white background.

Color Contrast Check

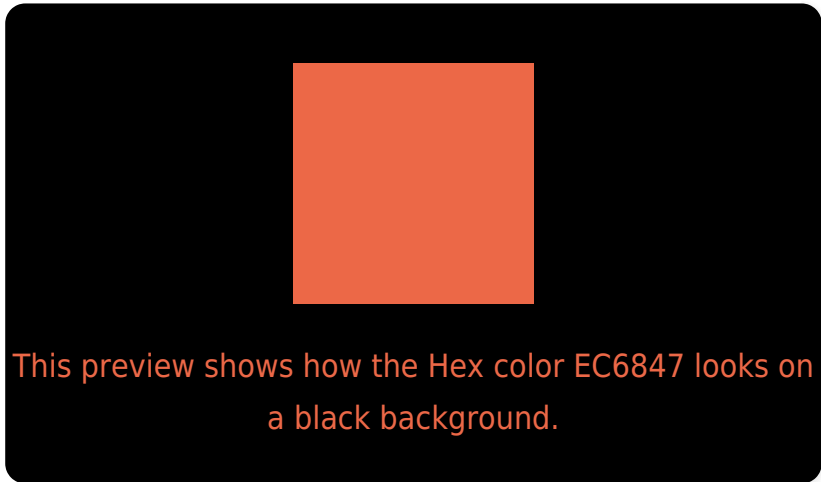
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC6847 Background



This preview shows how black text looks on a background with the Hex color EC6847.



This preview shows how white text looks on a background with the Hex color EC6847.

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
EC6847

Protanopia
9F9155

Deuteranopia
B48A40



Tritanopia
EE646A

Trichromacy



Original Color
EC6847

Protanomaly
BB8250

Deuteranomaly
C87E43

Tritanomaly
ED655D

Monochromacy



Original Color
EC6847

Achromatopsia
8C8C8C

Achromatomaly
AF7F73

CSS Examples

Text

The CSS property to change the color of the text to Hex EC6847 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 #EC6847 looks like.

```
.text, #text, p{  
    color:#EC6847  
}
```

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 #EC6847 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC6847
}
```

Border

The CSS property to change the border of an element to Hex EC6847 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
#EC6847 }
```

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

```
.border{ border-color:#EC6847 }
```

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

Here you see how a box with a 4 pixel #EC6847 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC6847; -webkit-box-shadow:4px 4px  
4px 4px #EC6847; box-shadow:4px 4px 4px  
4px #EC6847 }
```

Background

The CSS property to change the background color of an element to Hex EC6847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC6847 }
```

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

```
.background{ background-color:#EC6847 }
```

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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