

Converting Colors

Hex(EC6A38)

Have a look what the booklet for
Hex(EC6A38) contains.

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Color

Hex(EC6A38)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | EC6A38 |
| RGB | 236, 106, 56 |
| RGB Percent | 93%, 42%, 22% |
| CMY | 0.0745, 0.5843, 0.7804 |
| CMYK | 0.00, 0.55, 0.76, 0.07 |
| HSL | 17°, 83%, 57% |
| HSV | 17°, 76%, 93% |
| XYZ | 40.4599, 28.4265, 7.0958 |
| YIQ | 139.1700, 93.5300, 12.0100 |

Conversions

Conversions Part 2

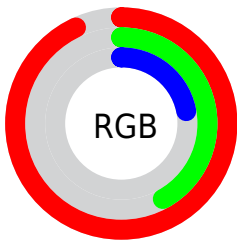
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 236, 125, 56 |
| Decimal | 15493688 |
| CIE Lab | 60.27, 47.37, 51.02 |
| CIE LCh | 60, 69.617, 47.127 |
| Yxy | 28.4265, 0.5325, 0.3741 |
| Android (android.graphics.Color) | 4293683768 (0xFFEC6A38) |
| YUV | 139.1700, -41.0028, 84.9199 |
| Hunter-Lab | 53.3165, 42.1533, 29.4308 |

Details

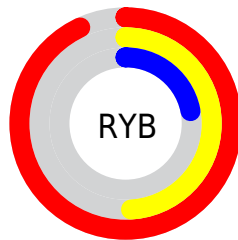
The Hex color **EC6A38** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **38BAEC**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFA06A**, and **AD3503** is the 20% darker color. If you saturate the color by 10%, you get **EC5920**, and if you desaturate by 10%, it is **EC7B50**.

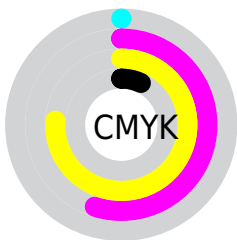
Distribution



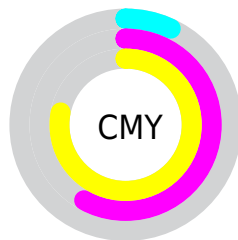
- Red (93%)
- Green (42%)
- Blue (22%)



- Red (93%)
- Yellow (49%)
- Blue (22%)



- Cyan (0%)
- Magenta (55%)
- Yellow (76%)
- Black (7%)



- Cyan (7%)
- Magenta (58%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC6A38 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 EC6A38 by changing the saturation by 10% instead.

 EC6A38

 EC6A38

FFFFFF

 CC4F1F

 FFA06A

 AD3503

 FFBC84

 8E1700

 FFD99F

 700000

 FFF6BA

 520000

 FFFFD6

 380002

 FFFFF3

 0E0000

 000000

 EC6A38

 EC6A38

 EC5920

 EC7B50

 EC4809

 EC8C67

 EC4200

 EC9D7F

 ECAE96

 ECBFAE

 ECD0C6

 ECE1DD

 ECF2F5

 ECFFFF

Harmonies

Analogous

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



FE5371



EC6A38



C48500

Triad

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



EC6A38



00AC74



538CFF

Complementary

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



EC6A38



38BAEC

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.



00A0FF



EC6A38



00ADB4

Square

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



EC6A38



40A536



00AAEA



C070E6

Rectangle

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



EC6A38



A19300



00AAEA



0094FF

Sweetspot

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



EC6A38



FFD5C4



EC38BC



80665C



000000



808080

Same Dimension

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



EC6A38



FF5614



ECC238



756D6A



B53200



360F00

Inverse Universe

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



38BAEC



14BEFF



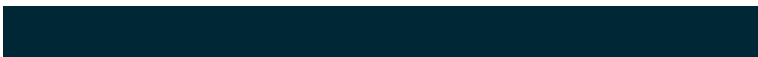
3862EC



6A7275



0083B5



002736

Previews

White Background



This preview shows how the Hex color EC6A38 looks on a white background.

Color Contrast Check

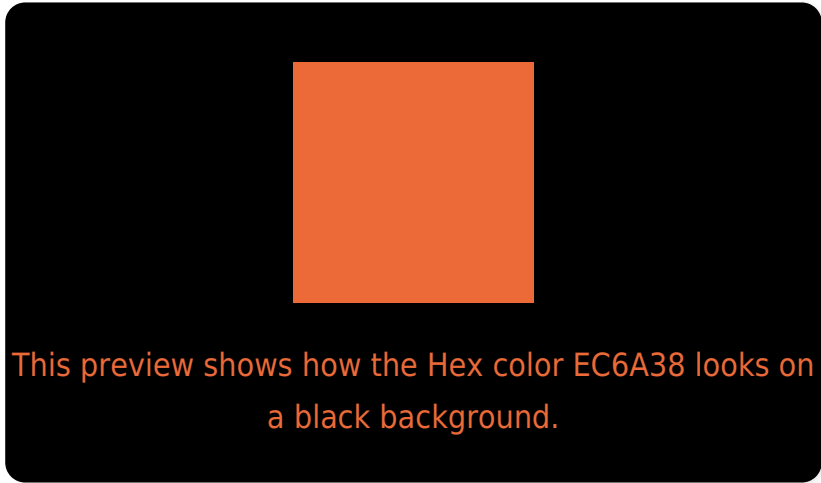
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC6A38 Background



This preview shows how black text looks on a background with the Hex color EC6A38.



This preview shows how white text looks on a background with the Hex color EC6A38.

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
EC6A38

Protanopia
A29244

Deuteranopia
B68A2F



Tritanopia
EE646B

Trichromacy



Original Color
EC6A38

Protanomaly
BD8340

Deuteranomaly
CA7E32

Tritanomaly
ED6658

Monochromacy



Original Color
EC6A38

Achromatopsia
8B8B8B

Achromatomaly
AE7F6D

CSS Examples

Text

The CSS property to change the color of the text to Hex EC6A38 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 #EC6A38 looks like.

```
.text, #text, p{  
  color:#EC6A38  
}
```

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 #EC6A38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC6A38
}
```

Border

The CSS property to change the border of an element to Hex EC6A38 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
#EC6A38 }
```

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

```
.border{ border-color:#EC6A38 }
```

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

Here you see how a box with a 4 pixel #EC6A38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC6A38; -webkit-box-shadow:4px 4px  
4px 4px #EC6A38; box-shadow:4px 4px 4px  
4px #EC6A38 }
```

Background

The CSS property to change the background color of an element to Hex EC6A38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC6A38 }
```

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

```
.background{ background-color:#EC6A38 }
```

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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