

Converting Colors

Hex(EC7C35)

Have a look what the booklet for
Hex(EC7C35) contains.

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Color

Hex(EC7C35)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | EC7C35 |
| RGB | 236, 124, 53 |
| RGB Percent | 93%, 49%, 21% |
| CMY | 0.0745, 0.5137, 0.7922 |
| CMYK | 0.00, 0.47, 0.78, 0.07 |
| HSL | 23°, 83%, 57% |
| HSV | 23°, 78%, 93% |
| XYZ | 42.4423, 32.5052, 7.4053 |
| YIQ | 149.3940, 89.5430, 1.6630 |

Conversions

Conversions Part 2

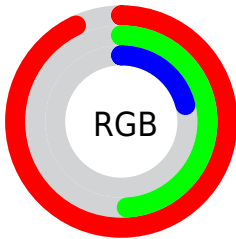
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 236, 169, 53 |
| Decimal | 15498293 |
| CIE Lab | 63.76, 38.38, 55.88 |
| CIE LCh | 64, 67.791, 55.513 |
| Yxy | 32.5052, 0.5154, 0.3947 |
| Android (android.graphics.Color) | 4293688373 (0xFFEC7C35) |
| YUV | 149.3940, -47.5222, 75.9535 |
| Hunter-Lab | 57.0133, 33.1070, 32.2083 |

Details

The Hex color **EC7C35** is a dark color, and the websafe version is hex **CC6600**. The color can be described as middle washed orange. A complement of this color would be **35A5EC**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFB268**, and **AE4900** is the 20% darker color. If you saturate the color by 10%, you get **EC6E1D**, and if you desaturate by 10%, it is **EC8A4D**.

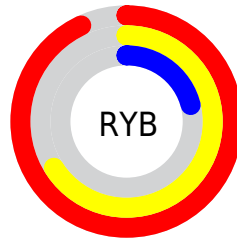
Distribution



Red (93%)

Green (49%)

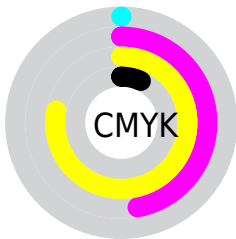
Blue (21%)



Red (93%)

Yellow (66%)

Blue (21%)

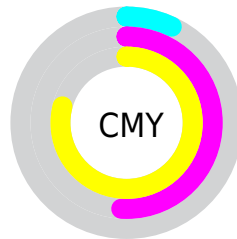


Cyan (0%)

Magenta (47%)

Yellow (78%)

Black (7%)



Cyan (7%)

Magenta (51%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC7C35 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 EC7C35 by changing the saturation by 10% instead.

 EC7C35

 EC7C35

FFFFFF

 CD621A


 FFB268

 AE4900

 FFCE82

 8F3000

 FFEA9D

 711500

 FFFFB9

 540000

 FFFFD5

 380000

 FFFFF2

 180001

 000000

 EC7C35

 EC7C35

 EC6E1D

 EC8A4D

 EC5F06

 EC9964

 EC5C00

 ECA77C

 ECB693

 ECC4AB

 ECD3C3

 ECE1DA

 ECF0F2

 ECFEFF

Harmonies

Analogous

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



FF646A



EC7C35



C09403

Triad

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



EC7C35



00B68F



888EFF

Complementary

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



EC7C35



35A5EC

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.



00A4FF



EC7C35



00B6CD

Square

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



EC7C35



29B152



00B1FD



DA73E0

Rectangle

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



EC7C35



9BA108



00B1FD



5A97FF

Sweetspot

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



EC7C35



FFDBC4



EC35A6



806A5C



000000



808080

Same Dimension

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



EC7C35



FF6E12



ECD735



756E6A



B54600



361500

Inverse Universe

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



35A5EC



12A3FF



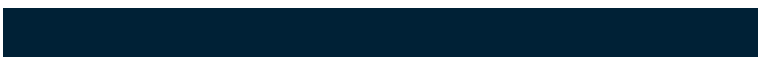
354AEC



6A7175



006FB5



002136

Previews

White Background



This preview shows how the Hex color EC7C35 looks on a white background.

Color Contrast Check

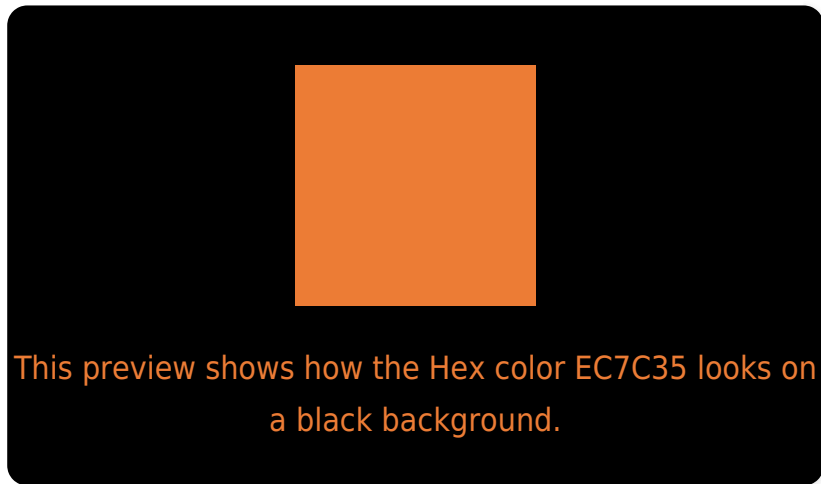
Large Text (above 18pt) WCAG AA × Fail

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 EC7C35 Background



This preview shows how black text looks on a background with the Hex color EC7C35.



This preview shows how white text looks on a background with the Hex color EC7C35.

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
EC7C35

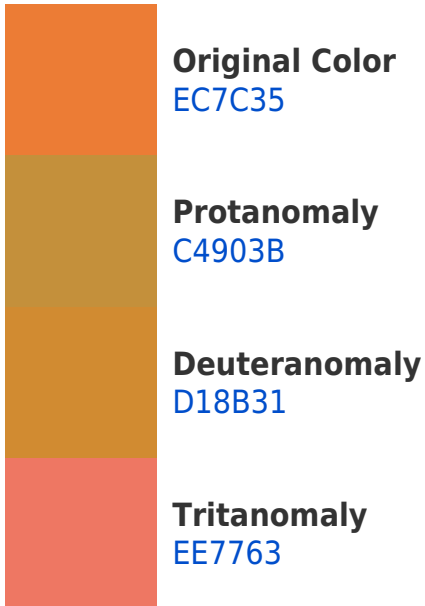
Protanopia
AD9B3E

Deuteranopia
C2932E



Tritanopia
EF747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EC7C35 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 #EC7C35 looks like.

```
.text, #text, p{  
    color:#EC7C35  
}
```

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 #EC7C35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC7C35
}
```

Border

The CSS property to change the border of an element to Hex EC7C35 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
#EC7C35 }
```

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

```
.border{ border-color:#EC7C35 }
```

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

Here you see how a box with a 4 pixel #EC7C35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC7C35; -webkit-box-shadow:4px 4px  
4px 4px #EC7C35; box-shadow:4px 4px 4px  
4px #EC7C35 }
```

Background

The CSS property to change the background color of an element to Hex EC7C35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC7C35 }
```

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

```
.background{ background-color:#EC7C35 }
```

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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