

Converting Colors

Hex(EC7734)

Have a look what the booklet for
Hex(EC7734) contains.

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Color

Hex(EC7734)

Conversions

Conversions Part 1

Format	Color
Hex	EC7734
RGB	236, 119, 52
RGB Percent	93%, 47%, 20%
CMY	0.0745, 0.5333, 0.7961
CMYK	0.00, 0.50, 0.78, 0.07
HSL	22°, 83%, 56%
HSV	22°, 78%, 93%
XYZ	41.8087, 31.2745, 7.0818
YIQ	146.3450, 91.2390, 3.9670

Conversions

Conversions Part 2

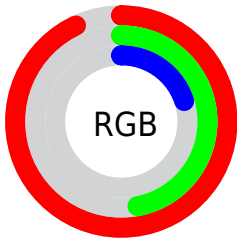
Format	Color
R _Y B	236, 157, 52
Decimal	15497012
CIE Lab	62.74, 40.87, 55.32
CIE LCh	63, 68.783, 53.547
Yxy	31.2745, 0.5215, 0.3901
Android (android.graphics.Color)	4293687092 (0xFFEC7734)
YUV	146.3450, -46.5121, 78.6274
Hunter-Lab	55.9236, 35.5812, 31.6384

Details

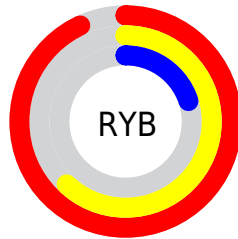
The Hex color **EC7734** is a dark color, and the websafe version is hex **CC6600**. The color can be described as middle washed orange. A complement of this color would be **34A9EC**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFAD67**, and **AD4300** is the 20% darker color. If you saturate the color by 10%, you get **EC681C**, and if you desaturate by 10%, it is **EC864C**.

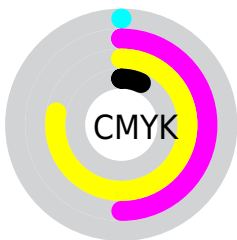
Distribution



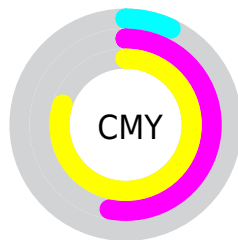
- Red (93%)
- Green (47%)
- Blue (20%)



- Red (93%)
- Yellow (62%)
- Blue (20%)



- Cyan (0%)
- Magenta (50%)
- Yellow (78%)
- Black (7%)



- Cyan (7%)
- Magenta (53%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC7734 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 EC7734 by changing the saturation by 10% instead.

 EC7734

 EC7734

FFFFFF

 CD5D1A

 FFAD67

 AD4300

 FFC981

 8F2A00

 FFE59C

 710C00

 FFFFB7

 530000

 FFFFD4

 380000

 FFFFF0

 150000

 000000

 EC7734

 EC7734

 EC681C

 EC864C

 EC5905

 EC9563

 EC5600

 ECA47B

 ECB392

 ECC2AA

 ECD1C2

 ECE0D9

 ECEFF1

 ECFEFF

Harmonies

Analogous

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



FF5F6B



EC7734



C09000

Triad

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



EC7734



00B388



7C8DFE

Complementary

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



EC7734



34A9EC

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.



00A3FF



EC7734



00B4C7

Square

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



EC7734



2DAE4A



00AFF9



D471E1

Rectangle

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



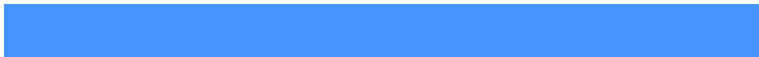
EC7734



9B9E00



00AFF9



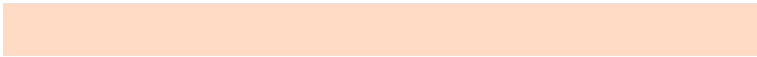
4695FF

Sweetspot

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



EC7734



FFDAC4



EC34AC



80695C



000000



808080

Same Dimension

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



EC7734



FF670F



ECD034



756E6A



B54200



361300

Inverse Universe

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



34A9EC



0FA8FF



3450EC



6A7175



0073B5



002236

Previews

White Background



This preview shows how the Hex color EC7734 looks on a white background.

Color Contrast Check

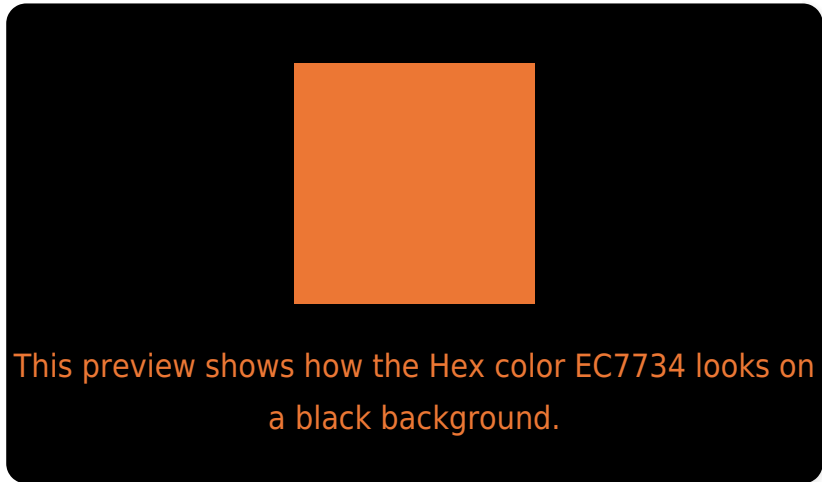
Large Text (above 18pt) WCAG AA × Fail

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

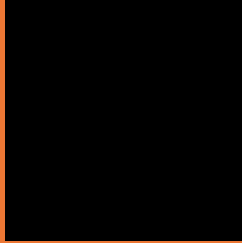
Any Text WCAG AA ✓ Pass

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 EC7734 Background



This preview shows how black text looks on a background with the Hex color EC7734.



This preview shows how white text looks on a background with the Hex color EC7734.

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
EC7734

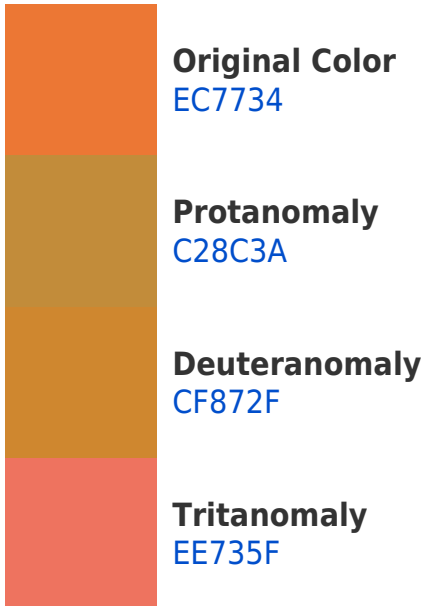
Protanopia
AA983D

Deuteranopia
BF902C



Tritanopia
EF7078

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EC7734 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 #EC7734 looks like.

```
.text, #text, p{  
    color:#EC7734  
}
```

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 #EC7734 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC7734
}
```

Border

The CSS property to change the border of an element to Hex EC7734 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
#EC7734 }
```

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

```
.border{ border-color:#EC7734 }
```

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

Here you see how a box with a 4 pixel #EC7734 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC7734; -webkit-box-shadow:4px 4px  
4px 4px #EC7734; box-shadow:4px 4px 4px  
4px #EC7734 }
```

Background

The CSS property to change the background color of an element to Hex EC7734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC7734 }
```

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

```
.background{ background-color:#EC7734 }
```

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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