

Converting Colors

Hex(E6734C)

Have a look what the booklet for
Hex(E6734C) contains.

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Color

Hex(E6734C)

Conversions

Conversions Part 1

Format	Color
Hex	E6734C
RGB	230, 115, 76
RGB Percent	90%, 45%, 30%
CMY	0.0980, 0.5490, 0.7020
CMYK	0.00, 0.50, 0.67, 0.10
HSL	15°, 75%, 60%
HSV	15°, 67%, 90%
XYZ	40.0684, 29.6063, 10.4402
YIQ	144.9390, 81.0590, 12.2510

Conversions

Conversions Part 2

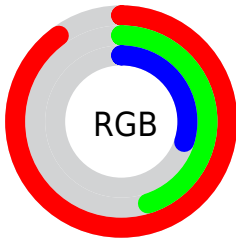
Format	Color
RYB	230, 128, 76
Decimal	15102796
CIELab	61.31, 41.66, 41.76
CIELCh	61, 58.987, 45.066
Yxy	29.6063, 0.5001, 0.3695
Android (android.graphics.Color)	4293292876 (0xFFE6734C)
YUV	144.9390, -33.9869, 74.5985
Hunter-Lab	54.4116, 36.2258, 26.7119

Details

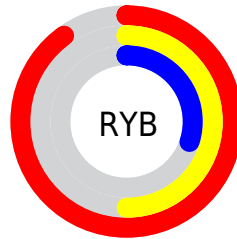
The Hex color **E6734C** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **4CBFE6**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFA97E**, and **A93F1D** is the 20% darker color. If you saturate the color by 10%, you get **E66235**, and if you desaturate by 10%, it is **E68463**.

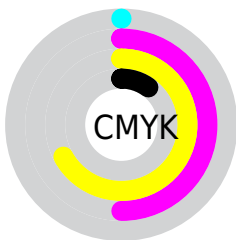
Distribution



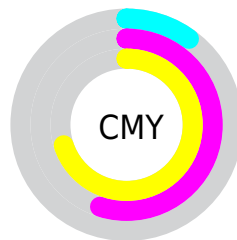
- Red (90%)
- Green (45%)
- Blue (30%)



- Red (90%)
- Yellow (50%)
- Blue (30%)



- Cyan (0%)
- Magenta (50%)
- Yellow (67%)
- Black (10%)



- Cyan (10%)
- Magenta (55%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6734C 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 E6734C by changing the saturation by 10% instead.

 E6734C

 E6734C

FFFFFF

 C75934

 FFA97E

 A93F1D

 FFC598

 8B2505

 FFE1B3

 6D0400

 FFFECF

 500000

 FFFFEC

 360001

 0B0000

 000000

 E6734C

 E6734C

 E66235

 E68463

 E6511E

 E6957A

 E63F07

 E6A791

 E63A00

 E6B8A8

 E6C9BF

 E6DAD6

 E6EBED

 E6FCFF

 E6FFFF

Harmonies

Analogous

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



F3647C



E6734C



C58828

Triad

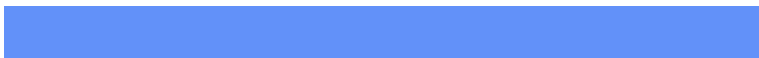
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E6734C



00AB77



6291F9

Complementary

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



E6734C



4CBFE6

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.



00A1F9



E6734C



00ADAE

Square

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



E6734C



5AA546



00AADD



B87BDE

Rectangle

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



E6734C



A79420



00AADD



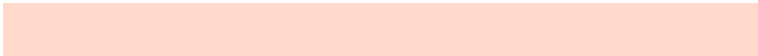
2697FC

Sweetspot

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



E6734C



FFD9CC



E64CC0



806961



000000



808080

Same Dimension

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



E6734C



FF6733



E6C04C



736A67



B32D00



330D00

Inverse Universe

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



4CBFE6



33CBFF



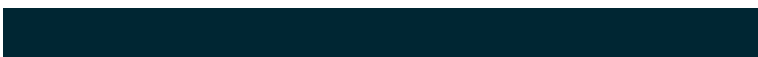
4C73E6



677073



0085B3



002633

Previews

White Background



This preview shows how the Hex color E6734C looks on a white background.

Color Contrast Check

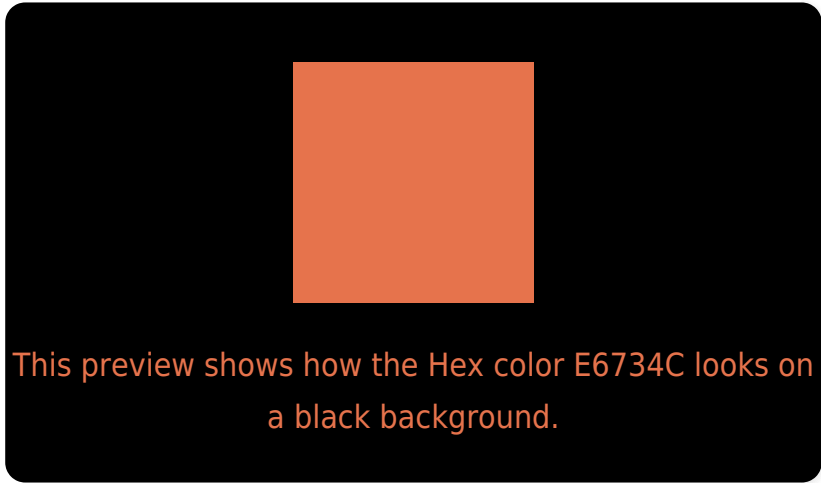
Large Text (above 18pt) WCAG AA ✓ Pass

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 E6734C Background



This preview shows how black text looks on a background with the Hex color E6734C.

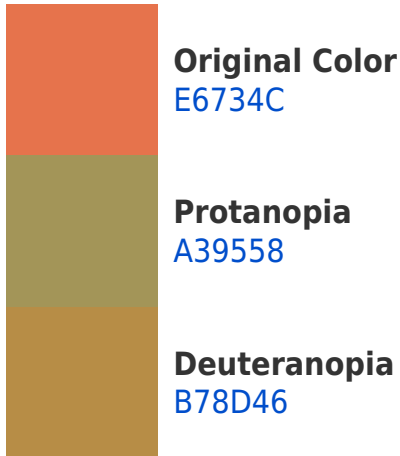


This preview shows how white text looks on a background with the Hex color E6734C.

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





Tritanopia
E86E75

Trichromacy



Original Color
E6734C

Protanomaly
BB8954

Deuteranomaly
C88448

Tritanomaly
E77066

Monochromacy



Original Color
E6734C

Achromatopsia
919191

Achromatomaly
B08678

CSS Examples

Text

The CSS property to change the color of the text to Hex E6734C 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 #E6734C looks like.

```
.text, #text, p{  
    color:#E6734C  
}
```

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 #E6734C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6734C
}
```

Border

The CSS property to change the border of an element to Hex E6734C is called "border". The border property can be set on classes, ids or directly on the HTML element.

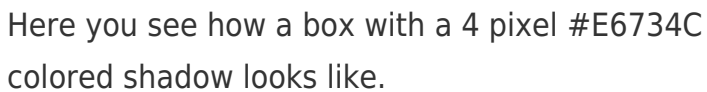
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E6734C }
```

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

```
.border{ border-color:#E6734C }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #E6734C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6734C; -webkit-box-shadow:4px 4px  
4px 4px #E6734C; box-shadow:4px 4px 4px  
4px #E6734C }
```

Background

The CSS property to change the background color of an element to Hex E6734C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6734C }
```

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

```
.background{ background-color:#E6734C }
```

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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