

# Converting Colors

Hex(E5774D)

Have a look what the booklet for  
Hex(E5774D) contains.

<b>Hex(E5774D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(E5774D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E5774D
RGB	229, 119, 77
RGB Percent	90%, 47%, 30%
CMY	0.1020, 0.5333, 0.6980
CMYK	0.00, 0.48, 0.66, 0.10
HSL	17°, 75%, 60%
HSV	17°, 66%, 90%
XYZ	40.2495, 30.3875, 10.7652
YIQ	147.1020, 79.0420, 10.2580

# Conversions

## Conversions Part 2

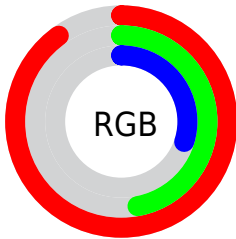
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	229, 135, 77
Decimal	15038285
CIE <sub>Lab</sub>	61.99, 39.32, 41.98
CIE <sub>LCh</sub>	62, 57.519, 46.874
Yxy	30.3875, 0.4945, 0.3733
Android (android.graphics.Color)	4293228365 (0xFFE5774D)
YUV	147.1020, -34.5603, 71.8245
Hunter-Lab	55.1248, 33.8635, 27.0088

# Details

The Hex color **E5774D** 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 **4DBBE5**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFAD7F**, and **A8441E** is the 20% darker color. If you saturate the color by 10%, you get **E56636**, and if you desaturate by 10%, it is **E58864**.

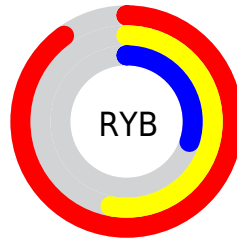
# Distribution



Red (90%)

Green (47%)

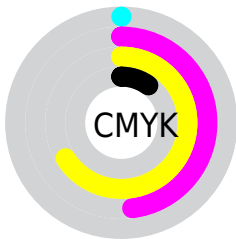
Blue (30%)



Red (90%)

Yellow (53%)

Blue (30%)

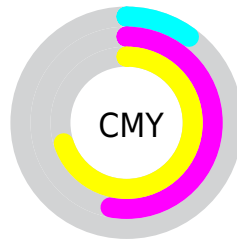


Cyan (0%)

Magenta (48%)

Yellow (66%)

Black (10%)



Cyan (10%)

Magenta (53%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5774D 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 E5774D by changing the saturation by 10% instead.



 E5774D

 E5774D

FFFFFF

 C65D35

 FFAD7F

 A8441E

 FFC99A

 8A2A05

 FFE5B5

 6D0D00

 FFFFD1

 500000

 FFFFED

 350001

 0C0000

 000000

 E5774D

 E5774D

 E56636

 E58864

 E5561F

 E5987B

 E54508

 E5A992

 E53F00

 E5B9A9

 E5CABF

 E5DAD6

 E5EBED

 E5FCFF

 E5FFFF

# Harmonies

## Analogous

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



F3687B



E5774D



C48B2C

# Triad

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



E5774D



00AD7D



6D91F8

# Complementary

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



E5774D



4DBBE5

# 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.



00A2F9



E5774D



00AEB2

# Square

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



E5774D



5AA74C



00ABDF



BD7CDC

# Rectangle

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



E5774D



A69726



00ABDF



3F98FB

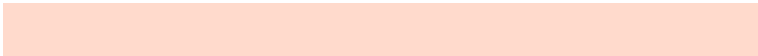


# Sweetspot

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



E5774D



FFDACC



E54DBC



806961



000000



808080



# Same Dimension

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



E5774D



FF6B33



E5C24D



736A67



B33100



330E00



# Inverse Universe

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



4DBBE5



33C7FF



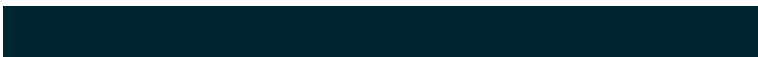
4D70E5



677073



0081B3

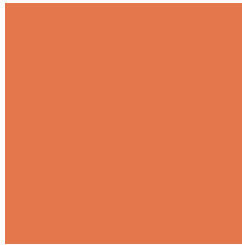


002533



# Previews

## White Background



This preview shows how the Hex color E5774D looks on a white background.

## Color Contrast Check

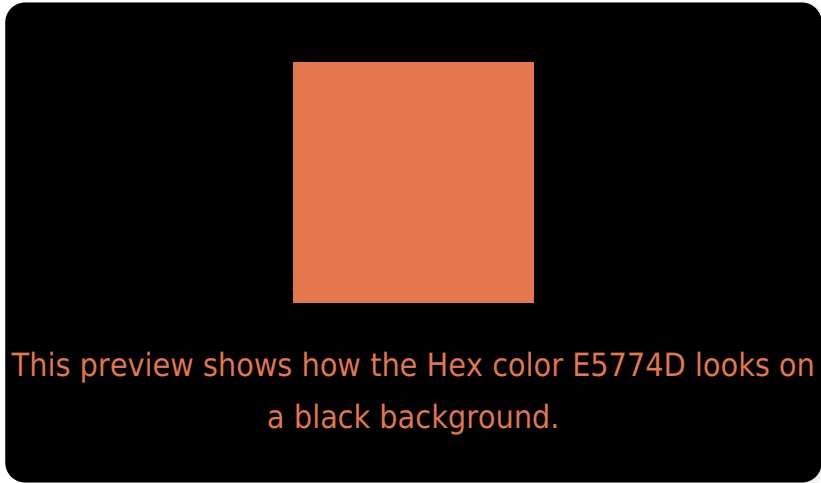
Large Text (above 18pt) WCAG AA × Fail

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

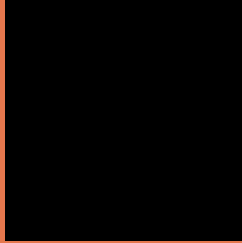
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E5774D Background



This preview shows how black text looks on a background with the Hex color E5774D.

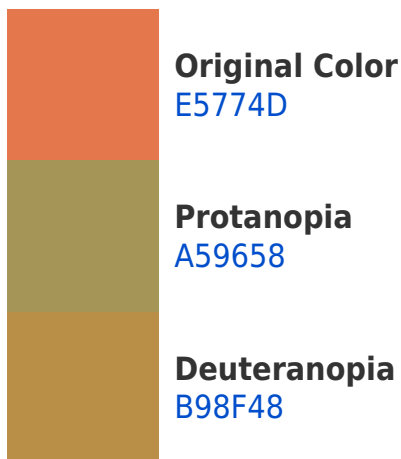


This preview shows how white text looks on a background with the Hex color E5774D.

# 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**  
E87179

# Trichromacy



**Original Color**  
E5774D

**Protanomaly**  
BC8B54

**Deuteranomaly**  
C9864A

**Tritanomaly**  
E77369

# Monochromacy



**Original Color**  
E5774D

**Achromatopsia**  
939393

**Achromatomaly**  
B1897A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5774D 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 #E5774D looks like.

```
.text, #text, p{  
    color:#E5774D  
}
```

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 #E5774D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5774D
}
```

## Border

The CSS property to change the border of an element to Hex E5774D 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
#E5774D }
```

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

```
.border{ border-color:#E5774D }
```

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

Here you see how a box with a 4 pixel #E5774D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5774D; -webkit-box-shadow:4px 4px  
4px 4px #E5774D; box-shadow:4px 4px 4px  
4px #E5774D }
```

# Background

The CSS property to change the background color of an element to Hex E5774D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5774D }
```

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

```
.background{ background-color:#E5774D }
```

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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