

Converting Colors

Hex(E74E18)

Have a look what the booklet for
Hex(E74E18) contains.

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Color

Hex(E74E18)

Conversions

Conversions Part 1

Format	Color
Hex	E74E18
RGB	231, 78, 24
RGB Percent	91%, 31%, 9%
CMY	0.0941, 0.6941, 0.9059
CMYK	0.00, 0.66, 0.90, 0.09
HSL	16°, 81%, 50%
HSV	16°, 90%, 91%
XYZ	35.8443, 22.5037, 3.3186
YIQ	117.5910, 108.5220, 15.6420

Conversions

Conversions Part 2

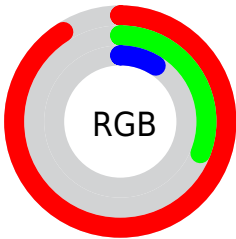
Format	Color
RYB	231, 97, 24
Decimal	15158808
CIELab	54.56, 57.11, 59.18
CIElCh	55, 82.244, 46.016
Yxy	22.5037, 0.5813, 0.3649
Android (android.graphics.Color)	4293348888 (0xFFE74E18)
YUV	117.5910, -46.1404, 99.4597
Hunter-Lab	47.4380, 51.8584, 29.0589

Details

The Hex color **E74E18** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **18B1E7**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF864C**, and **A70700** is the 20% darker color. If you saturate the color by 10%, you get **E73D01**, and if you desaturate by 10%, it is **E75F2F**.

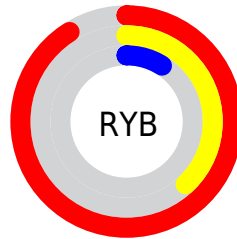
Distribution



Red (91%)

Green (31%)

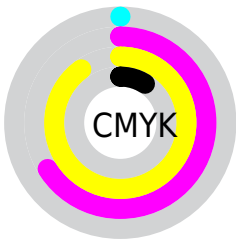
Blue (9%)



Red (91%)

Yellow (38%)

Blue (9%)

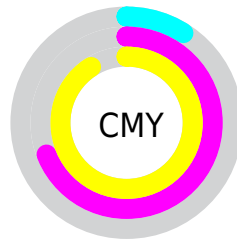


Cyan (0%)

Magenta (66%)

Yellow (90%)

Black (9%)



Cyan (9%)

Magenta (69%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color E74E18 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 E74E18 by changing the saturation by 10% instead.

 E74E18

 E74E18

FFFFFF

 C73100

 FF864C

 A70700

 FFA265

 870000

 FFBE80

 680000

 FFDB9A

 4A0001

 FFF9B6

 2D0002

 FFFFD2

 000000

 FFFFEF

 E74E18

 E74E18

 E73D01

 E75F2F

 E73C00

 E77046

 E7815D

 E79274

 E7A38C

 E7B4A3

 E7C6BA

 E7D7D1

 E7E8E8

Harmonies

Analogous

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



FC1E60



E74E18



B97300

Triad

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



E74E18



009F5D



007FFF

Complementary

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



E74E18



18B1E7

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.



0095FF



E74E18



00A1A8

Square

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



E74E18



009800



009FE9



B25AE7

Rectangle

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



E74E18



928400



009FE9



0088FF

Sweetspot

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



E74E18



FFCCBA



E718B3



806157



000000



808080

Same Dimension

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



E74E18



FF4300



E7B318



736A67



B32F00



330D00

Inverse Universe

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



18B1E7



00BCFF



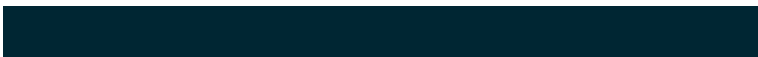
184CE7



677073



0084B3



002633

Previews

White Background



This preview shows how the Hex color E74E18 looks on a white background.

Color Contrast Check

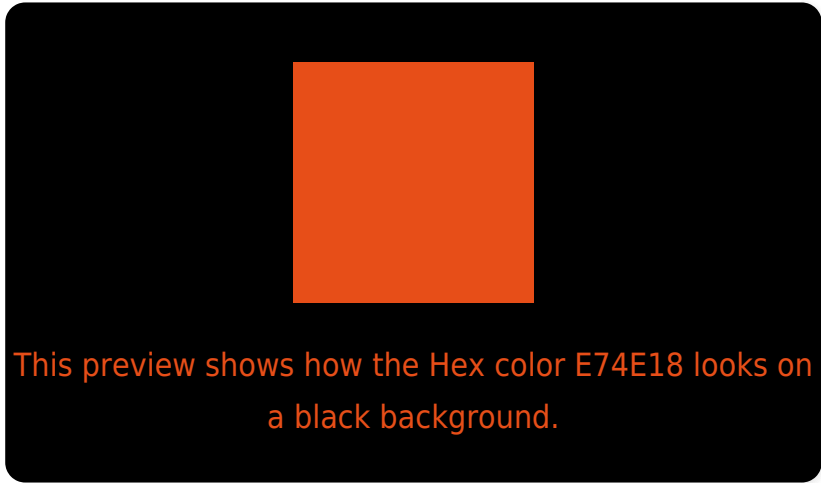
Large Text (above 18pt) WCAG AA ✓ Pass

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 E74E18 Background



This preview shows how black text looks on a background with the Hex color E74E18.



This preview shows how white text looks on a background with the Hex color E74E18.

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
E74E18

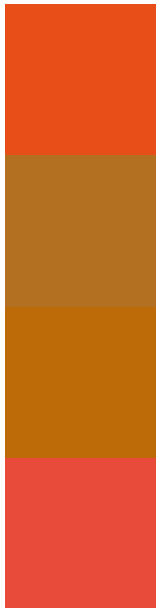
Protanopia
938325

Deuteranopia
A57C00



Tritanopia
E8494D

Trichromacy



Original Color
E74E18

Protanomaly
B27020

Deuteranomaly
BD6B09

Tritanomaly
E84B3A

Monochromacy



Original Color
E74E18

Achromatopsia
767676

Achromatomaly
9F6754

CSS Examples

Text

The CSS property to change the color of the text to Hex E74E18 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 #E74E18 looks like.

```
.text, #text, p{  
    color:#E74E18  
}
```

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 #E74E18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E74E18 }  
}
```

Border

The CSS property to change the border of an element to Hex E74E18 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 #E74E18 }  
}
```

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

```
.border{ border-color:#E74E18 }
```

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

Here you see how a box with a 4 pixel #E74E18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E74E18; -webkit-box-shadow:4px 4px  
4px 4px #E74E18; box-shadow:4px 4px 4px  
4px #E74E18 }
```

Background

The CSS property to change the background color of an element to Hex E74E18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E74E18 }
```

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

```
.background{ background-color:#E74E18 }
```

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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