

# Converting Colors

Hex(E45F32)

Have a look what the booklet for  
Hex(E45F32) contains.

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# Color

Hex(E45F32)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E45F32
RGB	228, 95, 50
RGB Percent	89%, 37%, 20%
CMY	0.1059, 0.6275, 0.8039
CMYK	0.00, 0.58, 0.78, 0.11
HSL	15°, 77%, 55%
HSV	15°, 78%, 89%
XYZ	36.6628, 24.9087, 5.8931
YIQ	129.6370, 93.7130, 14.2010

# Conversions

## Conversions Part 2

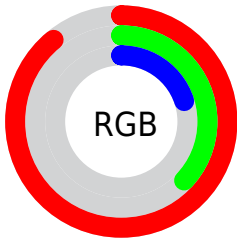
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	228, 110, 50
Decimal	14966578
CIE <sub>Lab</sub>	56.99, 49.37, 50.19
CIE <sub>LCh</sub>	57, 70.402, 45.467
Yxy	24.9087, 0.5434, 0.3692
Android (android.graphics.Color)	4293156658 (0xFFE45F32)
YUV	129.6370, -39.2610, 86.2644
Hunter-Lab	49.9086, 43.7860, 27.9352

# Details

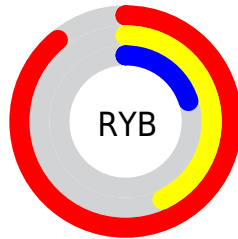
The Hex color **E45F32** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **32B7E4**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF9563**, and **A52800** is the 20% darker color. If you saturate the color by 10%, you get **E44E1B**, and if you desaturate by 10%, it is **E47049**.

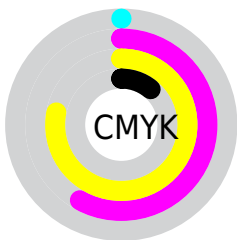
# Distribution



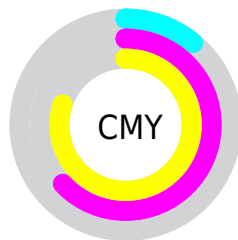
- Red (89%)
- Green (37%)
- Blue (20%)



- Red (89%)
- Yellow (43%)
- Blue (20%)



- Cyan (0%)
- Magenta (58%)
- Yellow (78%)
- Black (11%)



- Cyan (11%)
- Magenta (63%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E45F32 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 E45F32 by changing the saturation by 10% instead.



 E45F32

 E45F32

FFFFFF

 C44419

 FF9563

 A52800

 FFB17D

 860100

 FFCD98

 680000

 FFEAB3

 4A0000

 FFFF00

 2F0002

 FFFFEB

 000000

 E45F32

 E45F32

 E44E1B

 E47049

 E43D04

 E48160

 E43A00

 E49276

 E4A38D

 E4B4A4

 E4C5BB

 E4D6D2

 E4E7E8

 E4F8FF

# Harmonies

## Analogous

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



F5466C



E45F32



BD7B00

# Triad

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



E45F32



00A368



3685FF

# Complementary

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



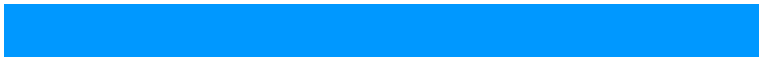
E45F32



32B7E4

# 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.



0098FF



E45F32



00A4A8

# Square

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



E45F32



3A9C28



00A2E0



B369E0

# Rectangle

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



E45F32



9A8A00



00A2E0



008DFF



# Sweetspot

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



E45F32



FFD3C4



E432B8



80655C



000000



808080



# Same Dimension

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



E45F32



FF4C0F



E4B832



736A67



B32D00



330D00

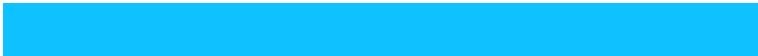


# Inverse Universe

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



32B7E4



0FC2FF



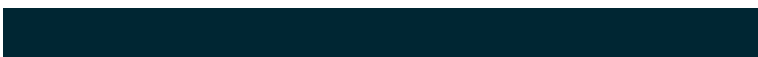
325EE4



677073



0085B3



002633



# Previews

## White Background



This preview shows how the Hex color E45F32 looks on a white background.

## Color Contrast Check

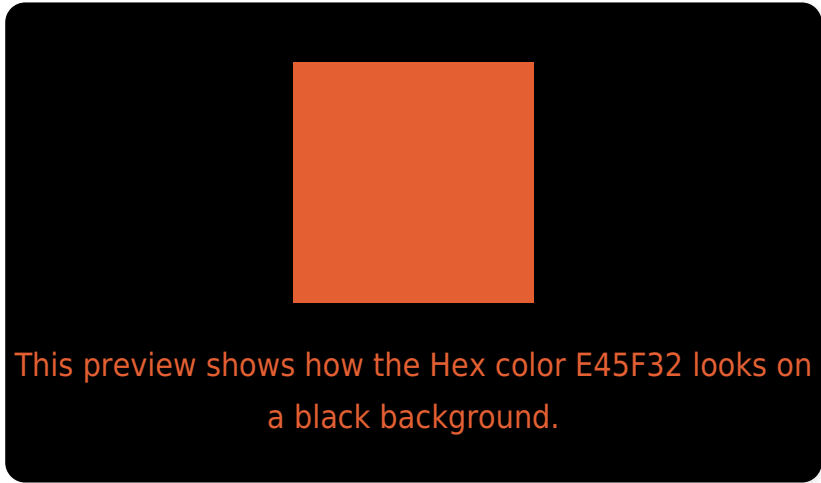
Large Text (above 18pt) WCAG AA ✓ Pass

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 E45F32 Background



This preview shows how black text looks on a background with the Hex color E45F32.



This preview shows how white text looks on a background with the Hex color E45F32.

# 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](#).

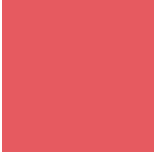
## Dichromacy



**Original Color**  
E45F32

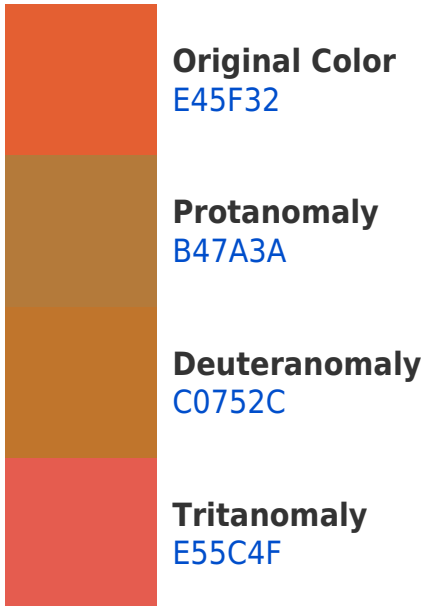
**Protanopia**  
98893E

**Deuteranopia**  
AC8228



**Tritanopia**  
E65A60

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E45F32 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 #E45F32 looks like.

```
.text, #text, p{  
    color:#E45F32  
}
```

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 #E45F32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E45F32
}
```

## Border

The CSS property to change the border of an element to Hex E45F32 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
#E45F32 }
```

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

```
.border{ border-color:#E45F32 }
```

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

Here you see how a box with a 4 pixel #E45F32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E45F32; -webkit-box-shadow:4px 4px  
4px 4px #E45F32; box-shadow:4px 4px 4px  
4px #E45F32 }
```

# Background

The CSS property to change the background color of an element to Hex E45F32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E45F32 }
```

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

```
.background{ background-color:#E45F32 }
```

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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