

Converting Colors

Hex(E36F45)

Have a look what the booklet for
Hex(E36F45) contains.

Hex(E36F45)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E36F45)

Conversions

Conversions Part 1

Format	Color
Hex	E36F45
RGB	227, 111, 69
RGB Percent	89%, 44%, 27%
CMY	0.1098, 0.5647, 0.7294
CMYK	0.00, 0.51, 0.70, 0.11
HSL	16°, 74%, 58%
HSV	16°, 70%, 89%
XYZ	38.4372, 28.1294, 9.0339
YIQ	140.8960, 82.6180, 11.5300

Conversions

Conversions Part 2

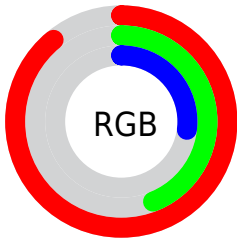
Format	Color
R_{YB}	227, 126, 69
Decimal	14905157
CIE _{Lab}	60.01, 42.14, 43.81
CIE _{LCh}	60, 60.790, 46.116
Yxy	28.1294, 0.5084, 0.3721
Android (android.graphics.Color)	4293095237 (0xFFE36F45)
YUV	140.8960, -35.4447, 75.5132
Hunter-Lab	53.0372, 36.5476, 27.0271

Details

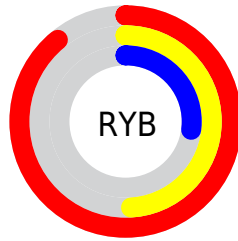
The Hex color **E36F45** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **45B9E3**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFA577**, and **A53B16** is the 20% darker color. If you saturate the color by 10%, you get **E35E2E**, and if you desaturate by 10%, it is **E3805C**.

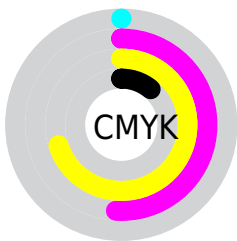
Distribution



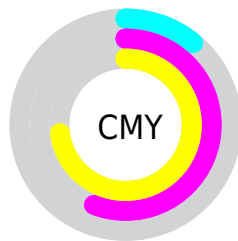
- Red (89%)
- Green (44%)
- Blue (27%)



- Red (89%)
- Yellow (49%)
- Blue (27%)



- Cyan (0%)
- Magenta (51%)
- Yellow (70%)
- Black (11%)



- Cyan (11%)
- Magenta (56%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color E36F45 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 E36F45 by changing the saturation by 10% instead.

 E36F45

 E36F45

FFFFFF

 C4552D

 FFA577

 A53B16

 FFC191

 872100

 FFDDAC

 6A0000

 FFFAC7

 4C0000

 FFFFE4

 340002

 000000

 E36F45

 E36F45

 E35E2E

 E3805C

 E34E18

 E39072

 E33D01

 E3A189

 E33C00

 E3B2A0

 E3C2B6

 E3D3CD

 E3E4E4

 E3F4FB

 E3FFFF

Harmonies

Analogous

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



F25E76



E36F45



C0851F

Triad

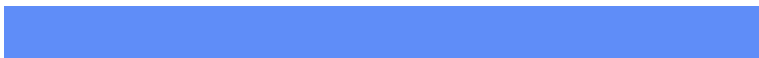
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E36F45



00A875



5F8DF8

Complementary

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



E36F45



45B9E3

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.



009EF9



E36F45



00AAAD

Square

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



E36F45



51A241



00A7DD



B875DB

Rectangle

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



E36F45



A29215



00A7DD



1993FB

Sweetspot

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



E36F45



FFD8C9



E345BB



806860



000000



808080

Same Dimension

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



E36F45



FF6229



E3BB45



736A67



B32F00



330E00

Inverse Universe

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



45B9E3



29C6FF



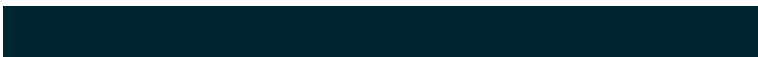
456CE3



677073



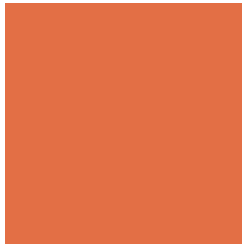
0083B3



002533

Previews

White Background



This preview shows how the Hex color E36F45 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 E36F45 Background



This preview shows how black text looks on a background with the Hex color E36F45.



This preview shows how white text looks on a background with the Hex color E36F45.

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
E36F45

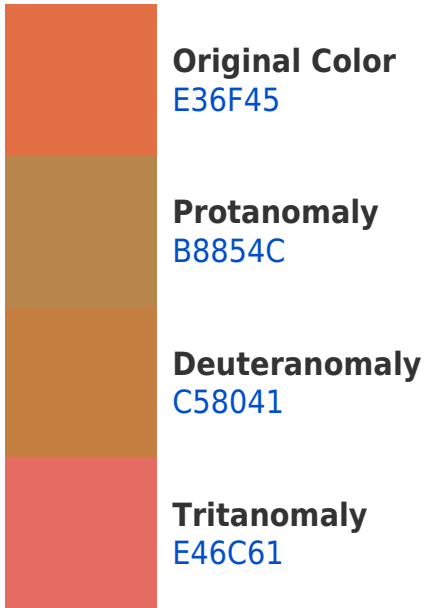
Protanopia
A09150

Deuteranopia
B48A3F



Tritanopia
E56A71

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E36F45 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 #E36F45 looks like.

```
.text, #text, p{  
    color:#E36F45  
}
```

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 #E36F45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E36F45
}
```

Border

The CSS property to change the border of an element to Hex E36F45 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
#E36F45 }
```

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

```
.border{ border-color:#E36F45 }
```

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

Here you see how a box with a 4 pixel #E36F45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E36F45; -webkit-box-shadow:4px 4px  
4px 4px #E36F45; box-shadow:4px 4px 4px  
4px #E36F45 }
```

Background

The CSS property to change the background color of an element to Hex E36F45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E36F45 }
```

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

```
.background{ background-color:#E36F45 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor