

# Converting Colors

Hex(E65743)

Have a look what the booklet for  
Hex(E65743) contains.

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# Color

**Hex(E65743)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E65743
RGB	230, 87, 67
RGB Percent	90%, 34%, 26%
CMY	0.0980, 0.6588, 0.7373
CMYK	0.00, 0.62, 0.71, 0.10
HSL	7°, 77%, 58%
HSV	7°, 71%, 90%
XYZ	37.0544, 24.0446, 7.9983
YIQ	127.4770, 91.6480, 24.0960

# Conversions

## Conversions Part 2

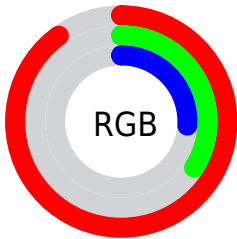
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 90, 67
Decimal	15095619
CIE <sub>Lab</sub>	56.13, 54.35, 40.61
CIE <sub>LCh</sub>	56, 67.840, 36.766
Yxy	24.0446, 0.5363, 0.3480
Android (android.graphics.Color)	4293285699 (0xFFE65743)
YUV	127.4770, -29.8152, 89.9127
Hunter-Lab	49.0353, 49.0750, 24.6538

# Details

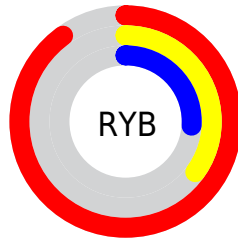
The Hex color **E65743** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **43D2E6**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF8E74**, and **A71B16** is the 20% darker color. If you saturate the color by 10%, you get **E6432C**, and if you desaturate by 10%, it is **E66B5A**.

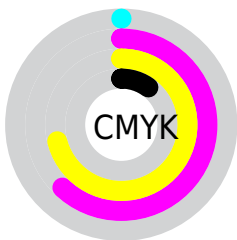
# Distribution



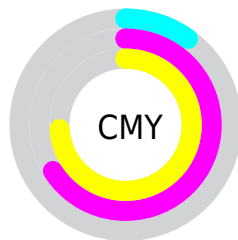
- Red (90%)
- Green (34%)
- Blue (26%)



- Red (90%)
- Yellow (35%)
- Blue (26%)



- Cyan (0%)
- Magenta (62%)
- Yellow (71%)
- Black (10%)



- Cyan (10%)
- Magenta (66%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E65743 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 E65743 by changing the saturation by 10% instead.



 E65743

 E65743

FFFFFF

 C63B2C

 FF8E74

 A71B16

 FFAA8E

 890000

 FFC7A8

 6A0000

 FFE4C4

 4C0000

 FFFFEO

 300002

FFFFFFD

 000000

 E65743

 E65743

 E6432C

 E66B5A

 E62F15

 E67F71

 E61C00

 E69488

 E6A89F

 E6BCB6

 E6D0CD

 E6E4E4

 E6F8FB

 E6FFFF

# Harmonies

## Analogous

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



EE467C



E65743



C67205

# Triad

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



E65743



009E55



0089FD

# Complementary

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



E65743



43D2E6

# 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.



0099F3



E65743



00A193

# Square

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



E65743



569717



00A0CC



9870E6

# Rectangle

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



E65743



A78200



00A0CC



0090FD



# Sweetspot

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



E65743



FFD0C9



E643D3



806460



000000



808080



# Same Dimension

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



E65743



FF4126



E6A843



736967



B31600



330600



# Inverse Universe

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



43D2E6



26E4FF



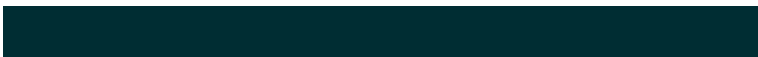
4381E6



677173



009DB3

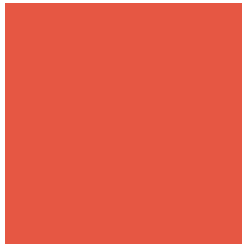


002D33



# Previews

## White Background



This preview shows how the Hex color E65743 looks on a white background.

## Color Contrast Check

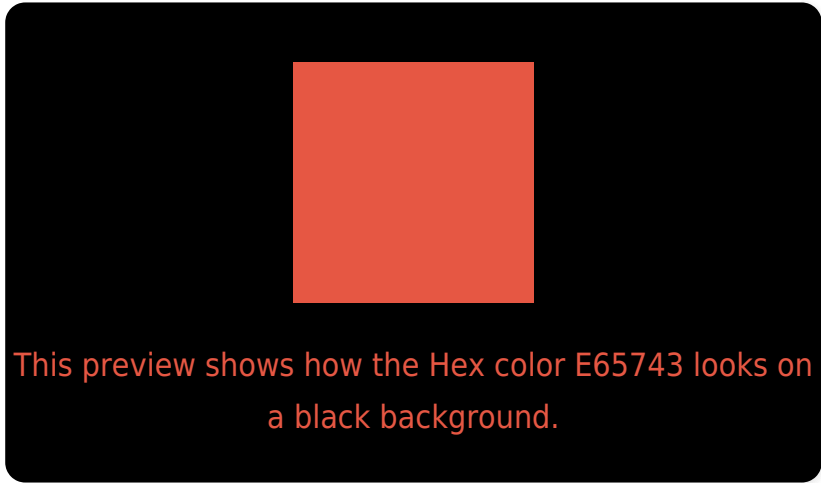
Large Text (above 18pt) WCAG AA ✓ Pass

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 E65743 Background



This preview shows how black text looks on a background with the Hex color E65743.



This preview shows how white text looks on a background with the Hex color E65743.

# 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**  
E65743

**Protanopia**  
938753

**Deuteranopia**  
A7803B



**Tritanopia**  
E75459

# Trichromacy



**Original Color**  
E65743

**Protanomaly**  
B1764D

**Deuteranomaly**  
BE713E

**Tritanomaly**  
E75551

# Monochromacy



**Original Color**  
E65743

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
A47069

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E65743 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 #E65743 looks like.

```
.text, #text, p{  
    color:#E65743  
}
```

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 #E65743 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E65743
}
```

## Border

The CSS property to change the border of an element to Hex E65743 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
#E65743 }
```

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

```
.border{ border-color:#E65743 }
```

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

Here you see how a box with a 4 pixel #E65743 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E65743; -webkit-box-shadow:4px 4px  
4px 4px #E65743; box-shadow:4px 4px 4px  
4px #E65743 }
```

# Background

The CSS property to change the background color of an element to Hex E65743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E65743 }
```

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

```
.background{ background-color:#E65743 }
```

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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