

# Converting Colors

Hex(E45756)

Have a look what the booklet for  
Hex(E45756) contains.

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# Color

**Hex(E45756)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E45756
RGB	228, 87, 86
RGB Percent	89%, 34%, 34%
CMY	0.1059, 0.6588, 0.6627
CMYK	0.00, 0.62, 0.62, 0.11
HSL	0°, 72%, 62%
HSV	0°, 62%, 89%
XYZ	37.0828, 23.9823, 11.4787
YIQ	129.0450, 84.3570, 29.5810

# Conversions

## Conversions Part 2

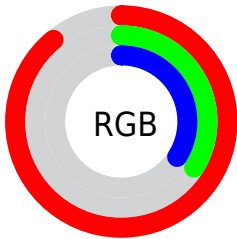
<b>Format</b>	<b>Color</b>
<b>RYB</b>	228, 87, 86
Decimal	14964566
CIELab	56.07, 54.71, 29.78
CIELCh	56, 62.288, 28.560
Yxy	23.9823, 0.5112, 0.3306
Android (android.graphics.Color)	4293154646 (0xFFE45756)
YUV	129.0450, -21.2212, 86.7835
Hunter-Lab	48.9717, 49.4651, 20.3830

# Details

The Hex color **E45756** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **56E3E4**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF8E88**, and **A61A29** is the 20% darker color. If you saturate the color by 10%, you get **E4403F**, and if you desaturate by 10%, it is **E46E6D**.

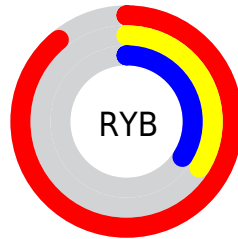
# Distribution



Red (89%)

Green (34%)

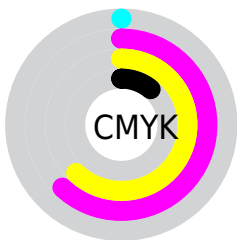
Blue (34%)



Red (89%)

Yellow (34%)

Blue (34%)

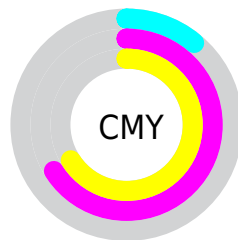


Cyan (0%)

Magenta (62%)

Yellow (62%)

Black (11%)



Cyan (11%)

Magenta (66%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E45756 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 E45756 by changing the saturation by 10% instead.



 E45756

 E45756

FFFFFF

 C53B3F

 FF8E88

 A61A29

 FF8E88

 880014

 FFC7BD

 6A0000

 FFE4D9

 4C0000

 FFFFF5

 300002

 000000

 E45756

 E45756

 E4403F

 E46E6D

 E42A28

 E48484

 E41312

 E49B9A

 E40200

 E4B2B1

 E4C8C8

 E4DFDF

 E4F5F6

 E4FFFF

# Harmonies

## Analogous

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



E44F8B



E45756



CC6D27

# Triad

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



E45756



009B4B



008EF3

# Complementary

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



E45756



56E3E4

# 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.



009AE2



E45756



009F82

# Square

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



E45756



6E9218



009FB9



8079E6

# Rectangle

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



E45756



B27C06



009FB9



0093F1



# Sweetspot

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



E45756



FFCFCF



E456E4



806262



000000



808080



# Same Dimension

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



E45756



FF4140



E49D56



736767



B30100



330000



# Inverse Universe

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



56E3E4



40FEFF



569DE4



677373



00B1B3



003333



# Previews

## White Background



This preview shows how the Hex color E45756 looks on a white background.

## Color Contrast Check

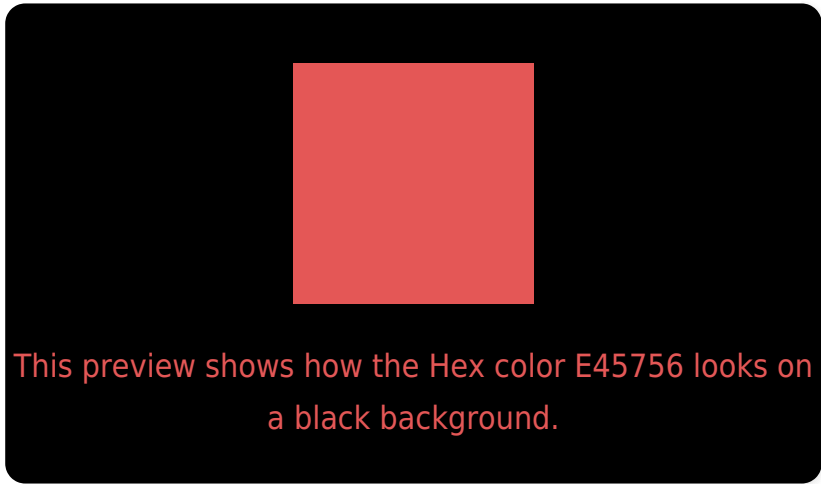
Large Text (above 18pt) WCAG AA ✓ Pass

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 E45756 Background



This preview shows how black text looks on a background with the Hex color E45756.



This preview shows how white text looks on a background with the Hex color E45756.

# 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**  
E45756

**Protanopia**  
90876A

**Deuteranopia**  
A4814F



**Tritanopia**  
E4565B

# Trichromacy



**Original Color**  
E45756

**Protanomaly**  
AF7663

**Deuteranomaly**  
BB7252

**Tritanomaly**  
E45659

# Monochromacy



**Original Color**  
E45756

**Achromatopsia**  
818181

**Achromatomaly**  
A57271

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E45756 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 #E45756 looks like.

```
.text, #text, p{  
  color:#E45756  
}
```

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 #E45756 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E45756
}
```

## Border

The CSS property to change the border of an element to Hex E45756 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
#E45756 }
```

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

```
.border{ border-color:#E45756 }
```

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

Here you see how a box with a 4 pixel #E45756 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E45756; -webkit-box-shadow:4px 4px  
4px 4px #E45756; box-shadow:4px 4px 4px  
4px #E45756 }
```

# Background

The CSS property to change the background color of an element to Hex E45756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E45756 }
```

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

```
.background{ background-color:#E45756 }
```

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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