

# Converting Colors

Hex(E45651)

Have a look what the booklet for  
Hex(E45651) contains.

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**Color**

**Hex(E45651)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E45651
RGB	228, 86, 81
RGB Percent	89%, 34%, 32%
CMY	0.1059, 0.6627, 0.6824
CMYK	0.00, 0.62, 0.64, 0.11
HSL	2°, 73%, 61%
HSV	2°, 64%, 89%
XYZ	36.8079, 23.7436, 10.4276
YIQ	127.8880, 86.2370, 28.5490

# Conversions

## Conversions Part 2

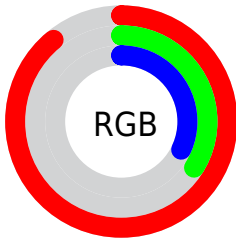
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	228, 86, 81
Decimal	14964305
CIE <sub>Lab</sub>	55.83, 54.84, 32.34
CIE <sub>LCh</sub>	56, 63.664, 30.531
Yxy	23.7436, 0.5186, 0.3345
Android (android.graphics.Color)	4293154385 (0xFFE45651)
YUV	127.8880, -23.1158, 87.7982
Hunter-Lab	48.7274, 49.5629, 21.4213

# Details

The Hex color **E45651** 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 **51DFE4**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF8D83**, and **A61924** is the 20% darker color. If you saturate the color by 10%, you get **E4403A**, and if you desaturate by 10%, it is **E46C68**.

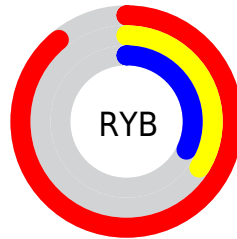
# Distribution



Red (89%)

Green (34%)

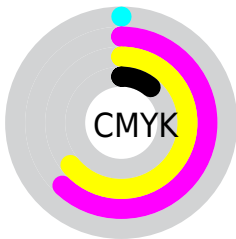
Blue (32%)



Red (89%)

Yellow (34%)

Blue (32%)

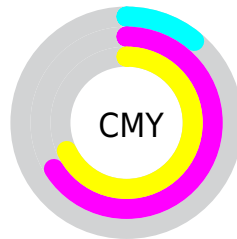


Cyan (0%)

Magenta (62%)

Yellow (64%)

Black (11%)



Cyan (11%)

Magenta (66%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E45651 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 E45651 by changing the saturation by 10% instead.



 E45651

 E45651

FFFFFF

 C53A3A

 FF8D83

 A61924

 FFA99D

 87000F

 FFC6B8

 6A0000

 FFE3D3

 4C0000

 FFFFF0

 300002

 000000

 E45651

 E45651

 E4403A

 E46C68

 E42A23

 E4827F

 E4140D

 E49895

 E40800

 E4AEAC

 E4C4C3

 E4DADA

 E4F0F1

 E4FFFF

# Harmonies

## Analogous

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



E64C87



E45651



CA6E20

# Triad

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



E45651



009B4C



008CF5

# Complementary

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



E45651



51DFE4

# 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.



0099E6



E45651



009F85

# Square

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



E45651



689316



009FBD



8577E6

# Rectangle

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



E45651



AF7D00



009FBD



0091F3



# Sweetspot

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



E45651



FFD0CF



E451DF



806362



000000



808080



# Same Dimension

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



E45651



FF413B



E49F51



736867



B30600



330200



# Inverse Universe

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



51DFE4



3BF8FF



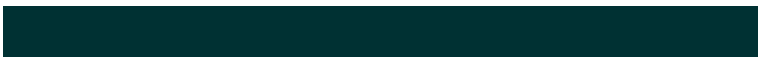
5196E4



677273



00ACB3



003133



# Previews

## White Background



This preview shows how the Hex color E45651 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 E45651 Background



This preview shows how black text looks on a background with the Hex color E45651.

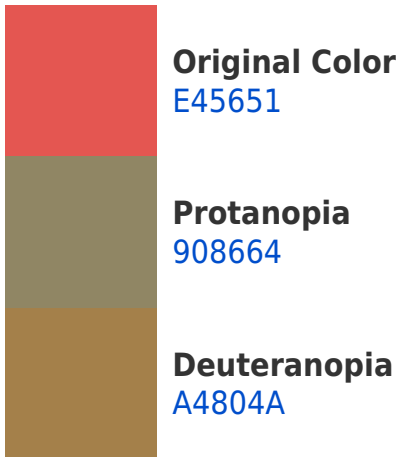



This preview shows how white text looks on a background with the Hex color E45651.

# 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





**Tritanopia**  
E4555A

# Trichromacy



**Original Color**  
E45651

**Protanomaly**  
AF755D

**Deuteranomaly**  
BB714D

**Tritanomaly**  
E45557

# Monochromacy



**Original Color**  
E45651

**Achromatopsia**  
808080

**Achromatomaly**  
A4716F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E45651 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 #E45651 looks like.

```
.text, #text, p{  
    color:#E45651  
}
```

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 #E45651 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E45651
}
```

## Border

The CSS property to change the border of an element to Hex E45651 is called "border". The border property can be set on classes, ids or directly on the HTML element.

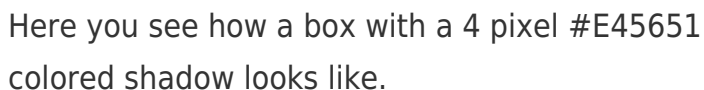
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E45651 }
```

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

```
.border{ border-color:#E45651 }
```

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



Here you see how a box with a 4 pixel #E45651 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E45651; -webkit-box-shadow:4px 4px  
4px 4px #E45651; box-shadow:4px 4px 4px  
4px #E45651 }
```

# Background

The CSS property to change the background color of an element to Hex E45651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E45651 }
```

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

```
.background{ background-color:#E45651 }
```

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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