

Converting Colors

Hex(E45338)

Have a look what the booklet for
Hex(E45338) contains.

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Color

Hex(E45338)

Conversions

Conversions Part 1

Format	Color
Hex	E45338
RGB	228, 83, 56
RGB Percent	89%, 33%, 22%
CMY	0.1059, 0.6745, 0.7804
CMYK	0.00, 0.64, 0.75, 0.11
HSL	9°, 76%, 56%
HSV	9°, 75%, 89%
XYZ	35.8020, 22.9660, 6.2873
YIQ	123.2770, 95.0870, 22.3430

Conversions

Conversions Part 2

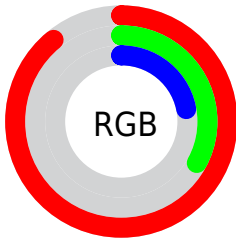
Format	Color
R_{YB}	228, 88, 56
Decimal	14963512
CIE _{Lab}	55.04, 54.90, 45.17
CIE _{LCh}	55, 71.100, 39.448
Yxy	22.9660, 0.5503, 0.3530
Android (android.graphics.Color)	4293153592 (0xFFE45338)
YUV	123.2770, -33.1676, 91.8421
Hunter-Lab	47.9229, 49.4878, 25.7674

Details

The Hex color **E45338** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **38C9E4**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF8A69**, and **A51409** is the 20% darker color. If you saturate the color by 10%, you get **E44021**, and if you desaturate by 10%, it is **E4664F**.

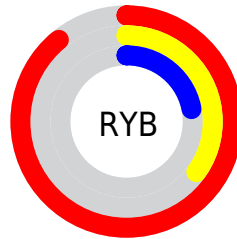
Distribution



Red (89%)

Green (33%)

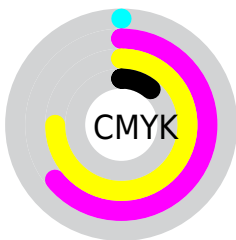
Blue (22%)



Red (89%)

Yellow (35%)

Blue (22%)

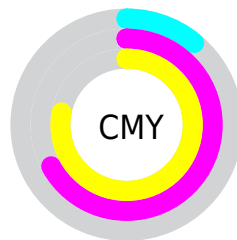


Cyan (0%)

Magenta (64%)

Yellow (75%)

Black (11%)



Cyan (11%)

Magenta (67%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color E45338 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 E45338 by changing the saturation by 10% instead.

 E45338

 E45338

FFFFFF

 C43721

 FF8A69

 A51409

 FFA682

 860000

 FFC39D

 670000

 FFE0B8

 490001

 FFFDD4

 2D0002

 FFFFF0

 000000

 E45338

 E45338

 E44021

 E4664F

 E42D0A

 E47966

 E42400

 E48D7C

 E4A093

 E4B3AA

 E4C6C1

 E4DAD8

 E4EDEE

 E4FFFF

Harmonies

Analogous

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



F03C73



E45338



C07100

Triad

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



E45338



009C56



0085FE

Complementary

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



E45338



38C9E4

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.



0096F8



E45338



009F96

Square

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



E45338



489510



009ED1



9D6AE4

Rectangle

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



E45338



A08100



009ED1



008CFF

Sweetspot

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



E45338



FFCEC4



E438CA



80615C



000000



808080

Same Dimension

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



E45338



FF3B17



E4A838



736967



B31C00



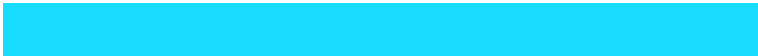
330800

Inverse Universe

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



38C9E4



17DBFF



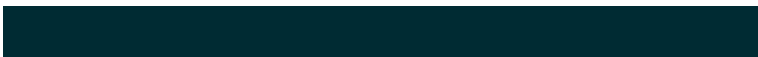
3874E4



677173



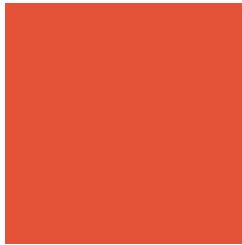
0096B3



002B33

Previews

White Background



This preview shows how the Hex color E45338 looks on a white background.

Color Contrast Check

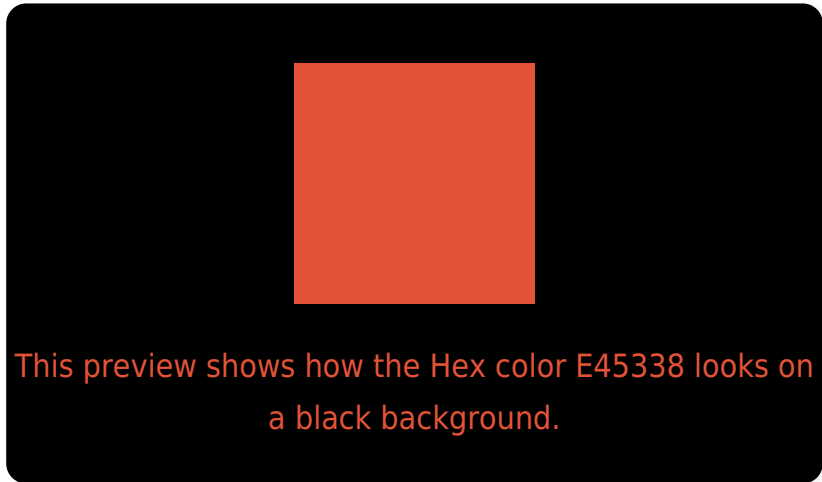
Large Text (above 18pt) WCAG AA ✓ Pass

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 E45338 Background



This preview shows how black text looks on a background with the Hex color E45338.



This preview shows how white text looks on a background with the Hex color E45338.

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
E45338

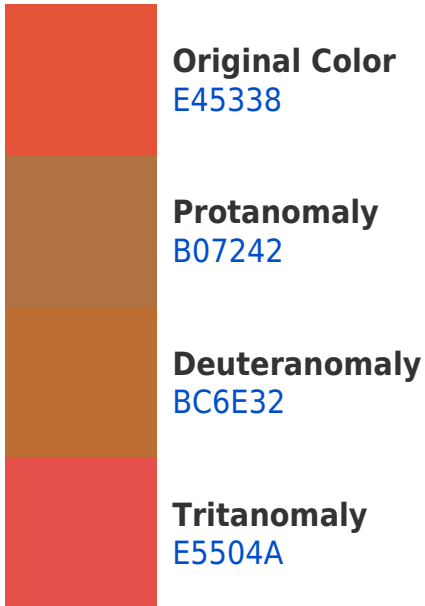
Protanopia
928447

Deuteranopia
A57E2E

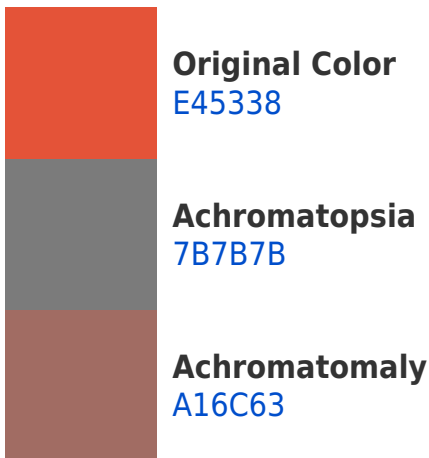


Tritanopia
E54F54

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E45338 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 #E45338 looks like.

```
.text, #text, p{  
    color:#E45338  
}
```

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 #E45338 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E45338
}
```

Border

The CSS property to change the border of an element to Hex E45338 is called "border". The border property can be set on classes, ids or directly on the HTML element.

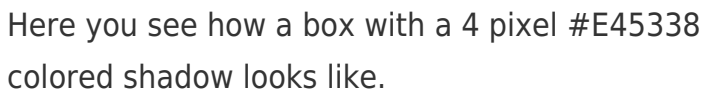
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E45338 }
```

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

```
.border{ border-color:#E45338 }
```

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



Here you see how a box with a 4 pixel #E45338 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E45338; -webkit-box-shadow:4px 4px  
4px 4px #E45338; box-shadow:4px 4px 4px  
4px #E45338 }
```

Background

The CSS property to change the background color of an element to Hex E45338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E45338 }
```

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

```
.background{ background-color:#E45338 }
```

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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