

Converting Colors

Hex(E45A5F)

Have a look what the booklet for
Hex(E45A5F) contains.

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Color

Hex(E45A5F)

Conversions

Conversions Part 1

Format	Color
Hex	E45A5F
RGB	228, 90, 95
RGB Percent	89%, 35%, 37%
CMY	0.1059, 0.6471, 0.6275
CMYK	0.00, 0.61, 0.58, 0.11
HSL	358°, 72%, 62%
HSV	358°, 61%, 89%
XYZ	37.7166, 24.6325, 13.5931
YIQ	131.8320, 80.6430, 30.8110

Conversions

Conversions Part 2

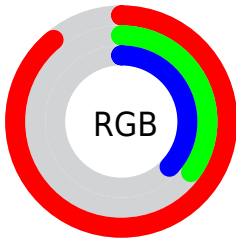
Format	Color
R_{YB}	228, 90, 95
Decimal	14965343
CIE _{Lab}	56.72, 54.00, 25.41
CIE _{LCh}	57, 59.677, 25.205
Yxy	24.6325, 0.4966, 0.3244
Android (android.graphics.Color)	4293155423 (0xFFE45A5F)
YUV	131.8320, -18.1582, 84.3393
Hunter-Lab	49.6312, 48.7944, 18.5033

Details

The Hex color **E45A5F** 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 **5AE4DF**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF9191**, and **A71F31** is the 20% darker color. If you saturate the color by 10%, you get **E44349**, and if you desaturate by 10%, it is **E47175**.

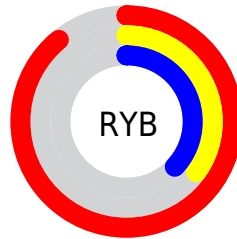
Distribution



Red (89%)

Green (35%)

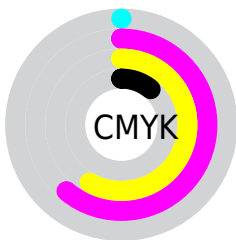
Blue (37%)



Red (89%)

Yellow (35%)

Blue (37%)

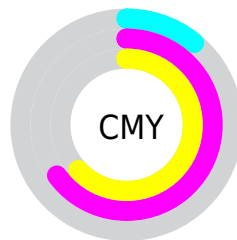


Cyan (0%)

Magenta (61%)

Yellow (58%)

Black (11%)



Cyan (11%)

Magenta (65%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color E45A5F 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 E45A5F by changing the saturation by 10% instead.

 E45A5F

 E45A5F

FFFFFF

 C53E47

 FF9191

 A71F31

 FFADAC

 89001C

 FFCAC7

 6B0004

 FFE7E3

 4D0000

 320002

 000000

 E45A5F

 E45A5F

 E44349

 E47175

 E42C33

 E4888B

 E4161D

 E49EA1

 E40008

 E4B5B7

 E4CCCD

 E4E3E3

 E4FAF9

 E4FFFF

Harmonies

Analogous

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



E05693



E45A5F



CF6E32

Triad

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



E45A5F



2C9C49



0091F0

Complementary

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



E45A5F



5AE4DF

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.



009CDD



E45A5F



00A07E

Square

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



E45A5F



77921D



00A0B3



787EE7

Rectangle

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



E45A5F



B77C18



00A0B3



0095ED

Sweetspot

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



E45A5F



FFD1D3



DD5AE4



806364



000000



808080

Same Dimension

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



E45A5F



FF454C



E4985A



736768



B30006



330002

Inverse Universe

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



E45A5F



FF454C



5AA6E4



736768



B30006



330002

Previews

White Background



This preview shows how the Hex color E45A5F looks on a white background.

Color Contrast Check

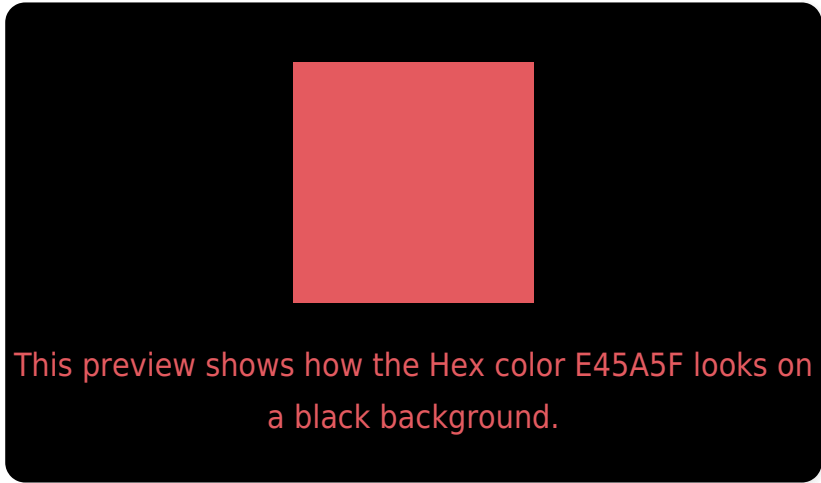
Large Text (above 18pt) WCAG AA ✓ Pass

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 E45A5F Background



This preview shows how black text looks on a background with the Hex color E45A5F.

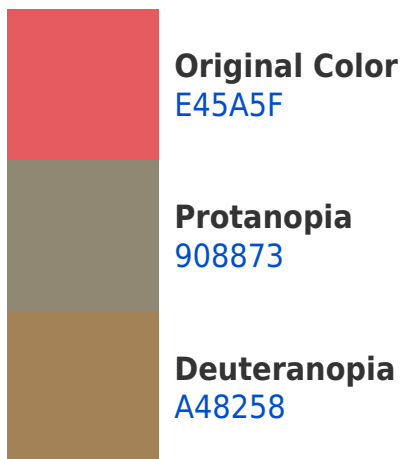



This preview shows how white text looks on a background with the Hex color E45A5F.

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
E45A60

Trichromacy



Original Color
E45A5F

Protanomaly
AF776C

Deuteranomaly
BB735B

Tritanomaly
E45A60

Monochromacy



Original Color
E45A5F

Achromatopsia
848484

Achromatomaly
A77577

CSS Examples

Text

The CSS property to change the color of the text to Hex E45A5F 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 #E45A5F looks like.

```
.text, #text, p{  
    color:#E45A5F  
}
```

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 #E45A5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E45A5F
}
```

Border

The CSS property to change the border of an element to Hex E45A5F is called "border". The border property can be set on classes, ids or directly on the HTML element.

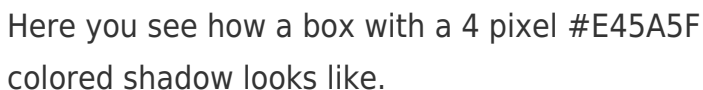
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E45A5F }
```

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

```
.border{ border-color:#E45A5F }
```

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



Here you see how a box with a 4 pixel #E45A5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E45A5F; -webkit-box-shadow:4px 4px  
4px 4px #E45A5F; box-shadow:4px 4px 4px  
4px #E45A5F }
```

Background

The CSS property to change the background color of an element to Hex E45A5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E45A5F }
```

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

```
.background{ background-color:#E45A5F }
```

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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