

Converting Colors

Hex(E5523E)

Have a look what the booklet for
Hex(E5523E) contains.

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Color

Hex(E5523E)

Conversions

Conversions Part 1

Format	Color
Hex	E5523E
RGB	229, 82, 62
RGB Percent	90%, 32%, 24%
CMY	0.1020, 0.6784, 0.7569
CMYK	0.00, 0.64, 0.73, 0.10
HSL	7°, 76%, 57%
HSV	7°, 73%, 90%
XYZ	36.1999, 23.0404, 7.0967
YIQ	123.6730, 94.0320, 24.9440

Conversions

Conversions Part 2

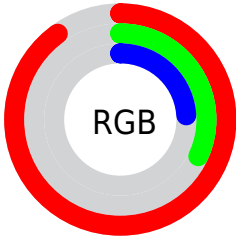
Format	Color
R_{YB}	229, 85, 62
Decimal	15028798
CIE Lab	55.11, 55.91, 42.12
CIE LCh	55, 69.999, 36.996
Yxy	23.0404, 0.5457, 0.3473
Android (android.graphics.Color)	4293218878 (0xFFE5523E)
YUV	123.6730, -30.4048, 92.3718
Hunter-Lab	48.0004, 50.6165, 24.8344

Details

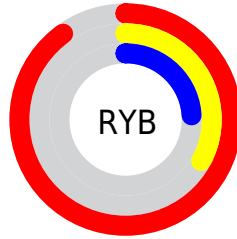
The Hex color **E5523E** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **3ED1E5**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF8A6F**, and **A61111** is the 20% darker color. If you saturate the color by 10%, you get **E53E27**, and if you desaturate by 10%, it is **E56655**.

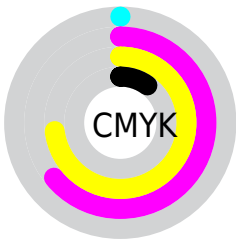
Distribution



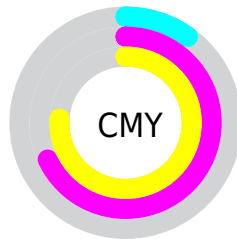
- Red (90%)
- Green (32%)
- Blue (24%)



- Red (90%)
- Yellow (33%)
- Blue (24%)



- Cyan (0%)
- Magenta (64%)
- Yellow (73%)
- Black (10%)



- Cyan (10%)
- Magenta (68%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color E5523E 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 E5523E by changing the saturation by 10% instead.

 E5523E

 E5523E

FFFFFF

 C53527

 FF8A6F

 A61111

 FFA688

 870000

 FFC2A3

 680000

 FFDFBE

 4B0001

 FFFDDA

 2E0002

 FFFFF7

 000000

 E5523E

 E5523E

 E53E27

 E56655

 E52A10

 E57A6C

 E51B00

 E58E83

 E5A39A

 E5B7B1

 E5CBC7

 E5DFDE

 E5F3F5

 E5FFFF

Harmonies

Analogous

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



EE3F78



E5523E



C46F00

Triad

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



E5523E



009C52



0087FD

Complementary

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



E5523E



3ED1E5

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.



0097F4



E5523E



009F91

Square

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



E5523E



50940C



009ECC



966DE6

Rectangle

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



E5523E



A47F00



009ECC



008DFE

Sweetspot

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



E5523E



FFCEC7



E53ED2



80625E



000000



808080

Same Dimension

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



E5523E



FF391F



E5A53E



736967



B31500



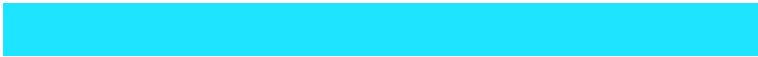
330600

Inverse Universe

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



3ED1E5



1FE4FF



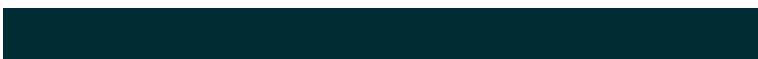
3E7EE5



677173



009DB3



002D33

Previews

White Background



This preview shows how the Hex color E523E looks on a white background.

Color Contrast Check

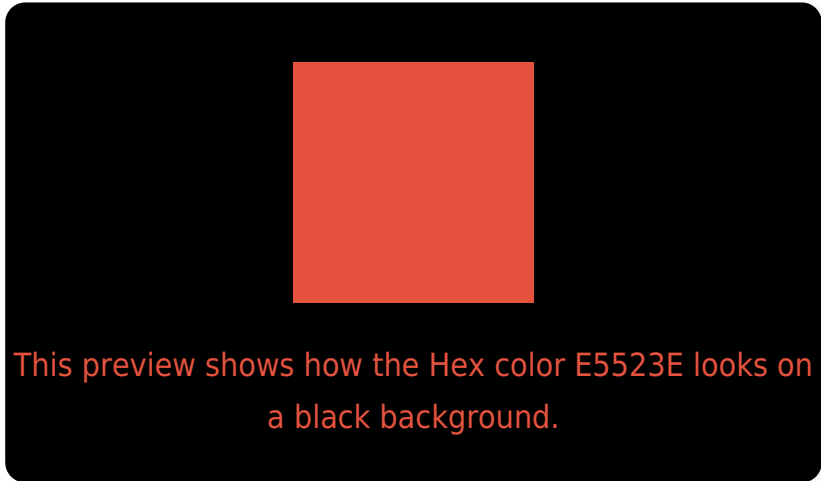
Large Text (above 18pt) WCAG AA ✓ Pass

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 E5523E Background



This preview shows how black text looks on a background with the Hex color E5523E.



This preview shows how white text looks on a background with the Hex color E5523E.

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
E523E

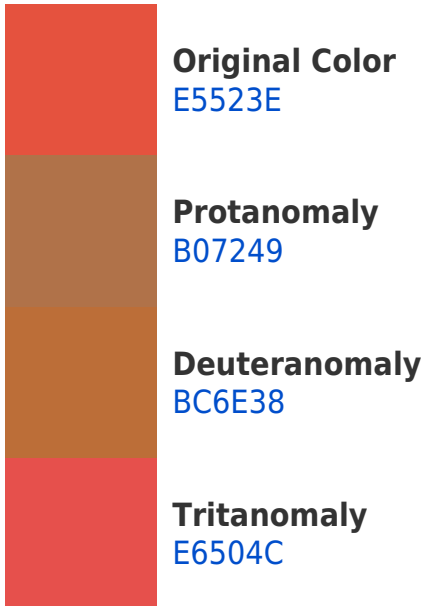
Protanopia
91844F

Deuteranopia
A57E35

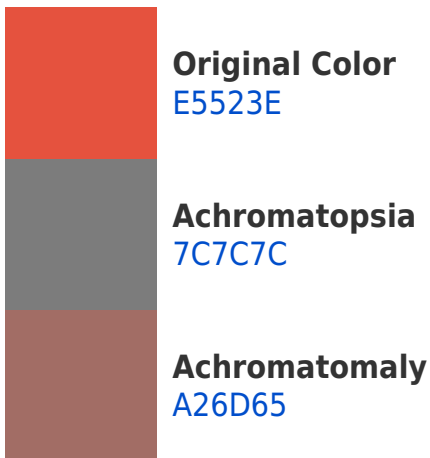


Tritanopia
E64F54

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E5523E 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 #E5523E looks like.

```
.text, #text, p{  
    color:#E5523E  
}
```

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 #E5523E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5523E
}
```

Border

The CSS property to change the border of an element to Hex E5523E 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
#E5523E }
```

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

```
.border{ border-color:#E5523E }
```

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

Here you see how a box with a 4 pixel #E5523E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5523E; -webkit-box-shadow:4px 4px  
4px 4px #E5523E; box-shadow:4px 4px 4px  
4px #E5523E }
```

Background

The CSS property to change the background color of an element to Hex E5523E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5523E }
```

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

```
.background{ background-color:#E5523E }
```

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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