

Converting Colors

Hex(E55537)

Have a look what the booklet for
Hex(E55537) contains.

Hex(E55537)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E55537)

Conversions

Conversions Part 1

Format	Color
Hex	E55537
RGB	229, 85, 55
RGB Percent	90%, 33%, 22%
CMY	0.1020, 0.6667, 0.7843
CMYK	0.00, 0.63, 0.76, 0.10
HSL	10°, 77%, 56%
HSV	10°, 76%, 90%
XYZ	36.2512, 23.4308, 6.2264
YIQ	124.6360, 95.4540, 21.1980

Conversions

Conversions Part 2

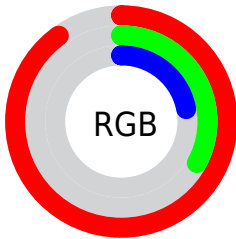
Format	Color
R_{YB}	229, 91, 55
Decimal	15029559
CIE _{Lab}	55.51, 54.36, 46.25
CIE _{LCh}	56, 71.367, 40.391
Yxy	23.4308, 0.5500, 0.3555
Android (android.graphics.Color)	4293219639 (0xFFE55537)
YUV	124.6360, -34.3305, 91.5272
Hunter-Lab	48.4054, 48.9705, 26.2573

Details

The Hex color **E55537** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **37C7E5**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF8C68**, and **A61807** is the 20% darker color. If you saturate the color by 10%, you get **E54220**, and if you desaturate by 10%, it is **E5684E**.

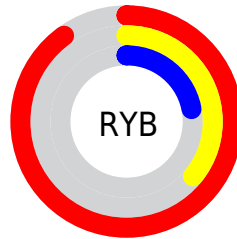
Distribution



Red (90%)

Green (33%)

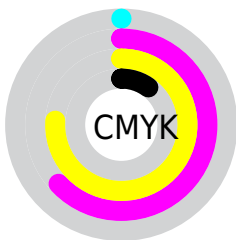
Blue (22%)



Red (90%)

Yellow (36%)

Blue (22%)

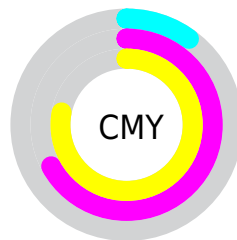


Cyan (0%)

Magenta (63%)

Yellow (76%)

Black (10%)



Cyan (10%)

Magenta (67%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color E55537 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 E55537 by changing the saturation by 10% instead.

 E55537

 E55537

FFFFFF

 C53920

 FF8C68

 A61807

 FFA881

 870000

 FFC59C

 680000

 FFE2B7

 4A0000

 FFFFD3

 2E0002

 FFFFEF

 000000

 E55537

 E55537

 E54220

 E5684E

 E52F09

 E57B65

 E52700

 E58E7C

 E5A193

 E5B4AA

 E5C7C0

 E5DAD7

 E5EDEE

 E5FFFF

Harmonies

Analogous

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



F23E72



E55537



C17300

Triad

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



E55537



009E59



0086FF

Complementary

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



E55537



37C7E5

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.



0097FA



E55537



00A19A

Square

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



E55537



469714



009FD4



A16AE4

Rectangle

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



E55537



9F8300



009FD4



008DFF

Sweetspot

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



E55537



FFCEC4



E537C8



80625C



000000



808080

Same Dimension

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



E55537



FF3F17



E5AB37



736967



B31F00



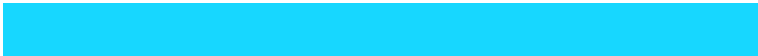
330900

Inverse Universe

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



37C7E5



17D7FF



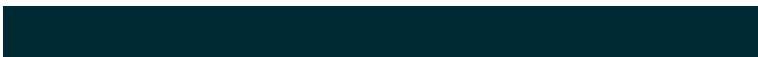
3771E5



677173



0094B3



002A33

Previews

White Background



This preview shows how the Hex color E55537 looks on a white background.

Color Contrast Check

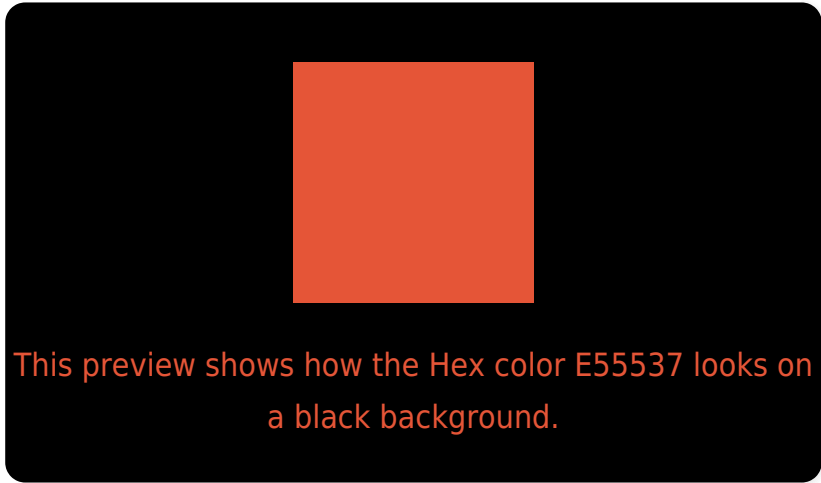
Large Text (above 18pt) WCAG AA ✓ Pass

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 E55537 Background



This preview shows how black text looks on a background with the Hex color E55537.




This preview shows how white text looks on a background with the Hex color E55537.

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](#).

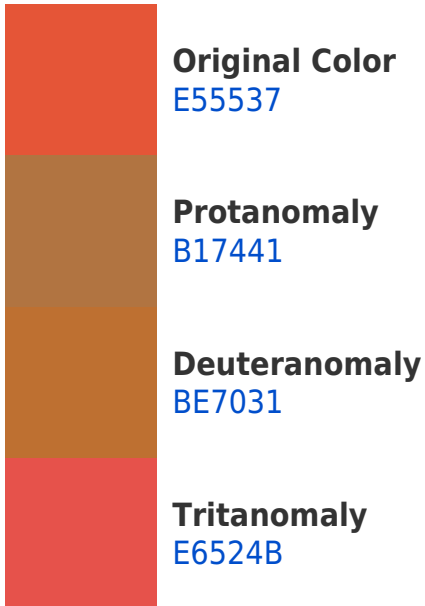
Dichromacy





Tritanopia
E65156

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E55537 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 #E55537 looks like.

```
.text, #text, p{  
    color:#E55537  
}
```

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 #E55537 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E55537
}
```

Border

The CSS property to change the border of an element to Hex E55537 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".

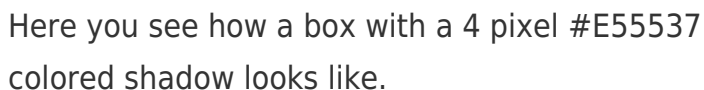
```
.border, #border, table{ border:4px solid
#E55537 }
```

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

```
.border{ border-color:#E55537 }
```

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

Here you see how a box with a 4 pixel #E55537 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E55537; -webkit-box-shadow:4px 4px  
4px 4px #E55537; box-shadow:4px 4px 4px  
4px #E55537 }
```

Background

The CSS property to change the background color of an element to Hex E55537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E55537 }
```

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

```
.background{ background-color:#E55537 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor