

Converting Colors

Hex(E45331)

Have a look what the booklet for
Hex(E45331) contains.

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Color

Hex(E45331)

Conversions

Conversions Part 1

Format	Color
Hex	E45331
RGB	228, 83, 49
RGB Percent	89%, 33%, 19%
CMY	0.1059, 0.6745, 0.8078
CMYK	0.00, 0.64, 0.79, 0.11
HSL	11°, 77%, 54%
HSV	11°, 79%, 89%
XYZ	35.6425, 22.9022, 5.4477
YIQ	122.4790, 97.3340, 20.1660

Conversions

Conversions Part 2

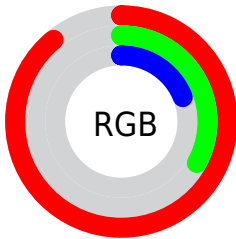
Format	Color
R_{YB}	228, 91, 49
Decimal	14963505
CIE _{Lab}	54.97, 54.65, 48.67
CIE _{LCh}	55, 73.179, 41.686
Yxy	22.9022, 0.5570, 0.3579
Android (android.graphics.Color)	4293153585 (0xFFE45331)
YUV	122.4790, -36.2251, 92.5419
Hunter-Lab	47.8563, 49.1952, 26.7501

Details

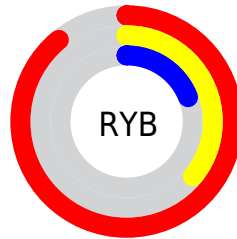
The Hex color **E45331** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **31C2E4**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF8A62**, and **A51500** is the 20% darker color. If you saturate the color by 10%, you get **E4411A**, and if you desaturate by 10%, it is **E46548**.

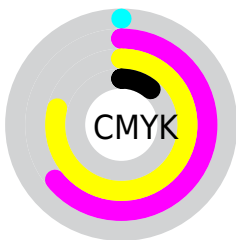
Distribution



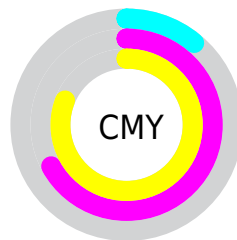
- Red (89%)
- Green (33%)
- Blue (19%)



- Red (89%)
- Yellow (36%)
- Blue (19%)



- Cyan (0%)
- Magenta (64%)
- Yellow (79%)
- Black (11%)



- Cyan (11%)
- Magenta (67%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color E45331 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 E45331 by changing the saturation by 10% instead.

 E45331

 E45331

FFFFFF

 C43719

 FF8A62

 A51500

 FFA67B

 860000

 FFC396

 670000

 FFE0B1

 490001

 FFFDCC

 2D0001

 FFFF E9

 000000

 E45331

 E45331

 E4411A

 E46548

 E42E03

 E4785F

 E42B00

 E48A75

 E49D8C

 E4AFA3

 E4C2BA

 E4D4D1

 E4E7E7

 E4F9FE

Harmonies

Analogous

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



F2386E



E45331



BE7200

Triad

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



E45331



009D59



0083FF

Complementary

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



E45331



31C2E4

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.



0095FD



E45331



00A09C

Square

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



E45331



3D9610



009ED7



A466E3

Rectangle

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



E45331



9C8200



009ED7



008BFF

Sweetspot

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



E45331



FFCDC2



E431C3



80625B



000000



808080

Same Dimension

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



E45331



FF3D0F



E4AB31



736967



B32200



330A00

Inverse Universe

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



31C2E4



0FD1FF



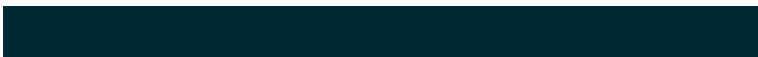
316AE4



677173



0091B3



002933

Previews

White Background



This preview shows how the Hex color E45331 looks on a white background.

Color Contrast Check

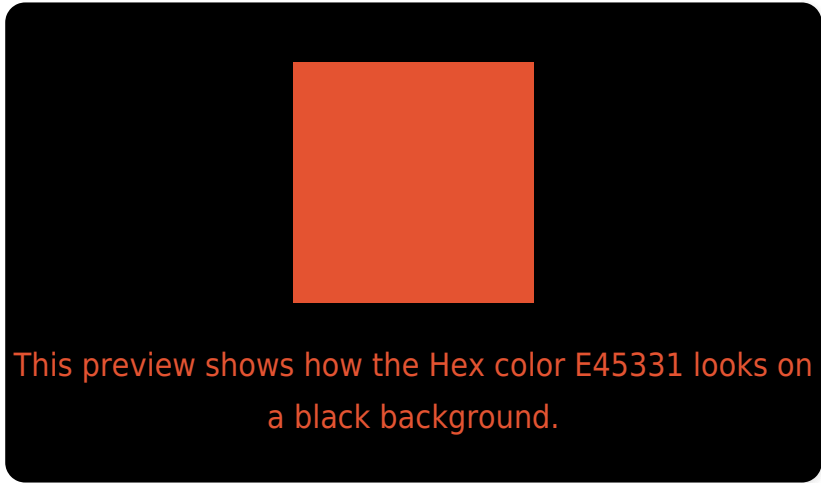
Large Text (above 18pt) WCAG AA ✓ Pass

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 E45331 Background



This preview shows how black text looks on a background with the Hex color E45331.

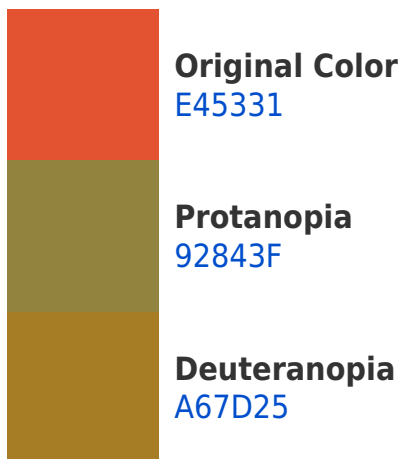


This preview shows how white text looks on a background with the Hex color E45331.

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
E54F53

Trichromacy



Original Color
E45331

Protanomaly
B0723A

Deuteranomaly
BD6E29

Tritanomaly
E55047

Monochromacy



Original Color
E45331

Achromatopsia
7A7A7A

Achromatomaly
A16C5F

CSS Examples

Text

The CSS property to change the color of the text to Hex E45331 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 #E45331 looks like.

```
.text, #text, p{  
    color:#E45331  
}
```

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 #E45331 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E45331
}
```

Border

The CSS property to change the border of an element to Hex E45331 is called "border". The border property can be set on classes, ids or directly on the HTML element.

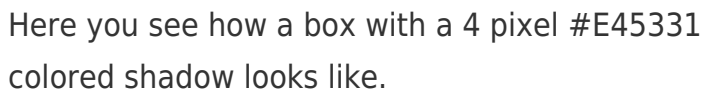
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E45331 }
```

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

```
.border{ border-color:#E45331 }
```

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



Here you see how a box with a 4 pixel #E45331 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E45331; -webkit-box-shadow:4px 4px  
4px 4px #E45331; box-shadow:4px 4px 4px  
4px #E45331 }
```

Background

The CSS property to change the background color of an element to Hex E45331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E45331 }
```

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

```
.background{ background-color:#E45331 }
```

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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