

Converting Colors

Hex(EE5231)

Have a look what the booklet for
Hex(EE5231) contains.

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Color

Hex(E E5231)

Conversions

Conversions Part 1

Format	Color
Hex	EE5231
RGB	238, 82, 49
RGB Percent	93%, 32%, 19%
CMY	0.0667, 0.6784, 0.8078
CMYK	0.00, 0.66, 0.79, 0.07
HSL	10°, 85%, 56%
HSV	10°, 79%, 93%
XYZ	38.8316, 24.4335, 5.5752
YIQ	124.8820, 103.5690, 22.8090

Conversions

Conversions Part 2

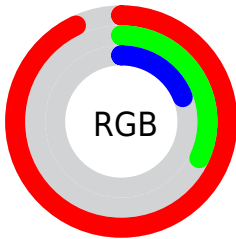
Format	Color
R_{YB}	238, 89, 49
Decimal	15618609
CIE _{Lab}	56.52, 58.43, 50.77
CIE _{LCh}	57, 77.401, 40.987
Yxy	24.4335, 0.5641, 0.3549
Android (android.graphics.Color)	4293808689 (0xFFEE5231)
YUV	124.8820, -37.4098, 99.2045
Hunter-Lab	49.4302, 53.7237, 27.9139

Details

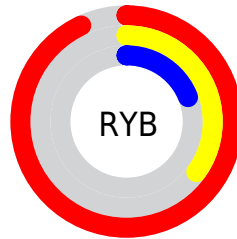
The Hex color **EE5231** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **31CDEE**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF8A62**, and **AE0E00** is the 20% darker color. If you saturate the color by 10%, you get **EE3E19**, and if you desaturate by 10%, it is **EE6649**.

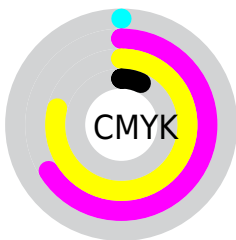
Distribution



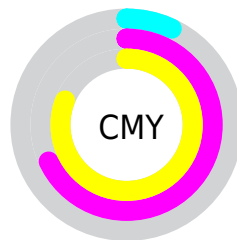
- Red (93%)
- Green (32%)
- Blue (19%)



- Red (93%)
- Yellow (35%)
- Blue (19%)



- Cyan (0%)
- Magenta (66%)
- Yellow (79%)
- Black (7%)



- Cyan (7%)
- Magenta (68%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color EE5231 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 EE5231 by changing the saturation by 10% instead.

 EE5231

 EE5231

FFFFFF

 CE3419

 FF8A62

 AE0E00

 FFA67C

 8E0000

 FFC396

 6F0000

 FFE0B1

 510000

 FFFECD

 350002

 FFFF E9

 010000

 000000

 EE5231

 EE5231

 EE3E19

 EE6649

 EE2B01

 EE7961

 EE2A00

 EE8D78

 EEA190

 EEB4A8

 EEC8C0

 EEDCD8

 EEEFEF

 EEEFFF

Harmonies

Analogous

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



FD3372



EE5231



C67400

Triad

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



EE5231



00A259



0088FF

Complementary

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



EE5231



31CDEE

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.



009BFF



EE5231



00A59F

Square

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



EE5231



3D9B01



00A3DF



A768EE

Rectangle

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



EE5231



A28600



00A3DF



0090FF

Sweetspot

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



EE5231



FFCC2



EE31CE



80615B



000000



808080

Same Dimension

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



EE5231



FF370D



EAAF31



786E6C



B82000



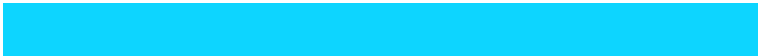
380A00

Inverse Universe

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



31CDEE



0DD5FF



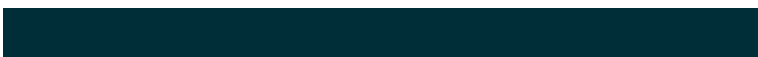
3170EE



6C7678



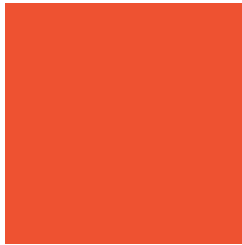
0098B8



002E38

Previews

White Background



This preview shows how the Hex color EE5231 looks on a white background.

Color Contrast Check

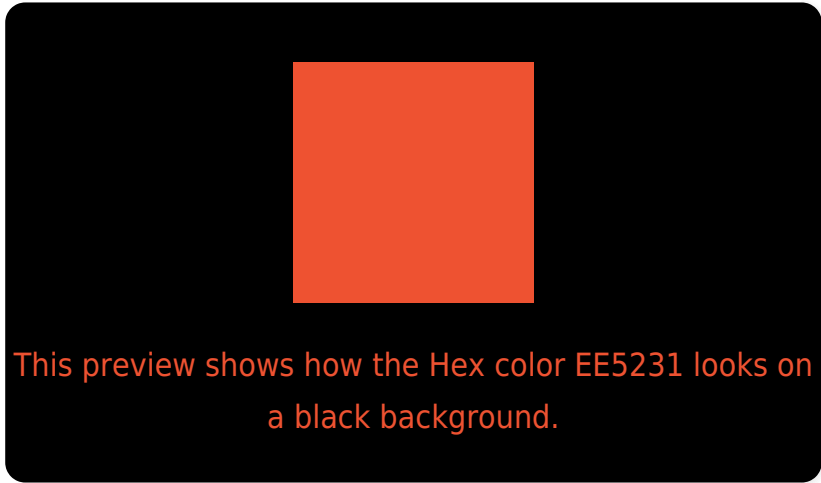
Large Text (above 18pt) WCAG AA ✓ Pass

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 EE5231 Background



This preview shows how black text looks on a background with the Hex color EE5231.



This preview shows how white text looks on a background with the Hex color EE5231.

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
EE5231

Protanopia
978840

Deuteranopia
AB8124



Tritanopia
EF4E52

Trichromacy



Original Color
EE5231

Protanomaly
B7743B

Deuteranomaly
C37029

Tritanomaly
EF4F46

Monochromacy



Original Color
EE5231

Achromatopsia
7D7D7D

Achromatomaly
A66D61

CSS Examples

Text

The CSS property to change the color of the text to Hex EE5231 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 #EE5231 looks like.

```
.text, #text, p{  
    color:#EE5231  
}
```

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 #EE5231 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE5231
}
```

Border

The CSS property to change the border of an element to Hex EE5231 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
#EE5231 }
```

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

```
.border{ border-color:#EE5231 }
```

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

Here you see how a box with a 4 pixel #EE5231 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE5231; -webkit-box-shadow:4px 4px  
4px 4px #EE5231; box-shadow:4px 4px 4px  
4px #EE5231 }
```

Background

The CSS property to change the background color of an element to Hex EE5231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE5231 }
```

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

```
.background{ background-color:#EE5231 }
```

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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