

Converting Colors

Hex(E33713)

Have a look what the booklet for
Hex(E33713) contains.

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Color

Hex(E33713)

Conversions

Conversions Part 1

Format	Color
Hex	E33713
RGB	227, 55, 19
RGB Percent	89%, 22%, 7%
CMY	0.1098, 0.7843, 0.9255
CMYK	0.00, 0.76, 0.92, 0.11
HSL	10°, 85%, 48%
HSV	10°, 92%, 89%
XYZ	33.1623, 19.1103, 2.5569
YIQ	102.3240, 114.0680, 25.2680

Conversions

Conversions Part 2

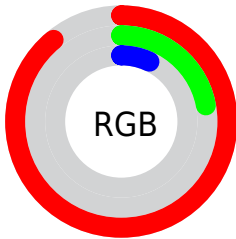
Format	Color
R_{YB}	227, 63, 19
Decimal	14890771
CIE Lab	50.82, 64.00, 57.93
CIE LCh	51, 86.320, 42.150
Yxy	19.1103, 0.6048, 0.3485
Android (android.graphics.Color)	4293080851 (0xFFE33713)
YUV	102.3240, -41.0787, 109.3409
Hunter-Lab	43.7153, 58.9077, 27.1329

Details

The Hex color **E33713** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **13BFE3**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF7346**, and **A20000** is the 20% darker color. If you saturate the color by 10%, you get **E32700**, and if you desaturate by 10%, it is **E34A2A**.

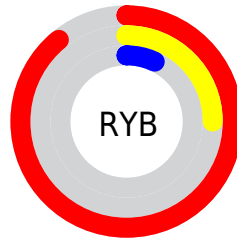
Distribution



Red (89%)

Green (22%)

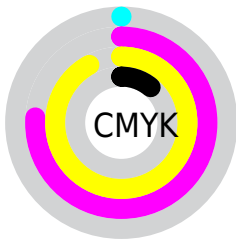
Blue (7%)



Red (89%)

Yellow (25%)

Blue (7%)

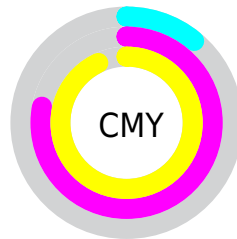


Cyan (0%)

Magenta (76%)

Yellow (92%)

Black (11%)



Cyan (11%)

Magenta (78%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color E33713 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 E33713 by changing the saturation by 10% instead.

 E33713

 E33713

FFFFFF

 C20C00

 FF7346

 A20000

 FF8F5F

 820000

 FFAC79

 630000

 FFC994

 460003

 FFE7AF

 260001

 FFFFCE

 000000

 FFFFEE

 E33713

 E33713

 E32700

 E34A2A

 E35D40

 E36F57

 E3826E

 E39584

 E3A89B

 E3BAB2

 E3CDC9

 E3E0DF

Harmonies

Analogous

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



F5005F



E33713



B66500

Triad

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



E33713



009448



0079FF

Complementary

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



E33713



13BFE3

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.



008EFF



E33713



009796

Square

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



E33713



008E00



0096DC



9D53E8

Rectangle

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



E33713



8F7800



0096DC



0082FF

Sweetspot

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



E33713



FFC6BA



E313C0



805E57



000000



808080

Same Dimension

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



E33713



FF2C00



E39E13



736967



B31F00



330900

Inverse Universe

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



13BFE3



00D3FF



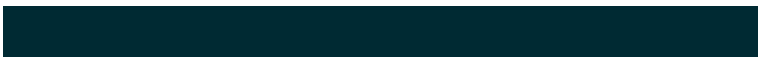
1358E3



677173



0094B3



002A33

Previews

White Background



This preview shows how the Hex color E33713 looks on a white background.

Color Contrast Check

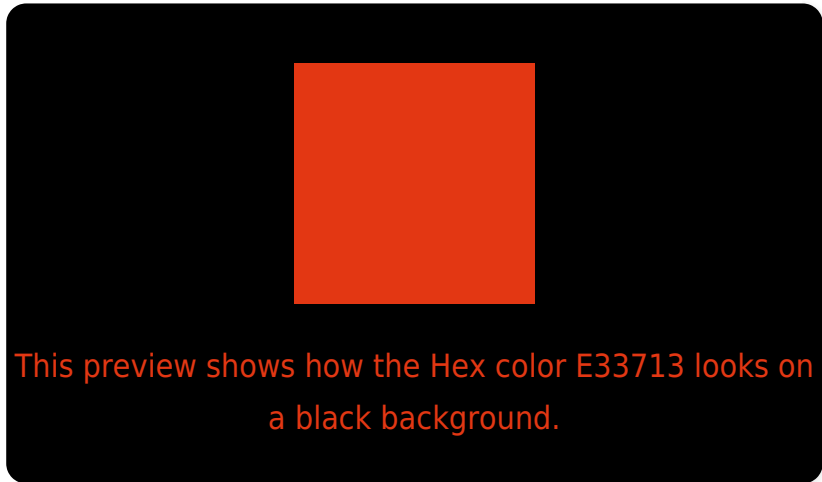
Large Text (above 18pt) WCAG AA ✓ Pass

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 E33713 Background



This preview shows how black text looks on a background with the Hex color E33713.



This preview shows how white text looks on a background with the Hex color E33713.

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
E33713

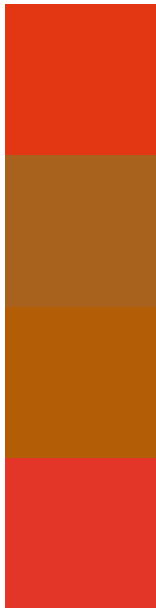
Protanopia
887A23

Deuteranopia
997300



Tritanopia
E43435

Trichromacy



Original Color
E33713

Protanomaly
A9621D

Deuteranomaly
B45D07

Tritanomaly
E43529

Monochromacy



Original Color
E33713

Achromatopsia
666666

Achromatomaly
935548

CSS Examples

Text

The CSS property to change the color of the text to Hex E33713 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 #E33713 looks like.

```
.text, #text, p{  
  color:#E33713  
}
```

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 #E33713 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E33713
}
```

Border

The CSS property to change the border of an element to Hex E33713 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
#E33713 }
```

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

```
.border{ border-color:#E33713 }
```

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

Here you see how a box with a 4 pixel #E33713 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E33713; -webkit-box-shadow:4px 4px  
4px 4px #E33713; box-shadow:4px 4px 4px  
4px #E33713 }
```

Background

The CSS property to change the background color of an element to Hex E33713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E33713 }
```

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

```
.background{ background-color:#E33713 }
```

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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