

Converting Colors

Hex(E33C1D)

Have a look what the booklet for
Hex(E33C1D) contains.

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Color

Hex(E33C1D)

Conversions

Conversions Part 1

Format	Color
Hex	E33C1D
RGB	227, 60, 29
RGB Percent	89%, 24%, 11%
CMY	0.1098, 0.7647, 0.8863
CMYK	0.00, 0.74, 0.87, 0.11
HSL	9°, 78%, 50%
HSV	9°, 87%, 89%
XYZ	33.5162, 19.6513, 3.1890
YIQ	106.3990, 109.4830, 25.7630

Conversions

Conversions Part 2

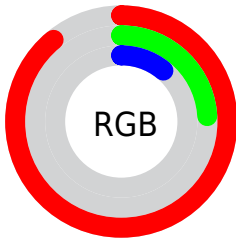
Format	Color
R_{YB}	227, 66, 29
Decimal	14892061
CIE _{Lab}	51.44, 62.55, 54.63
CIE _{LCh}	51, 83.048, 41.131
Yxy	19.6513, 0.5947, 0.3487
Android (android.graphics.Color)	4293082141 (0xFFE33C1D)
YUV	106.3990, -38.1577, 105.7671
Hunter-Lab	44.3298, 57.3803, 26.7657

Details

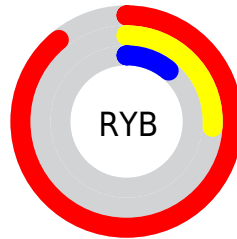
The Hex color **E33C1D** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **1DC4E3**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF774E**, and **A30000** is the 20% darker color. If you saturate the color by 10%, you get **E32906**, and if you desaturate by 10%, it is **E34F34**.

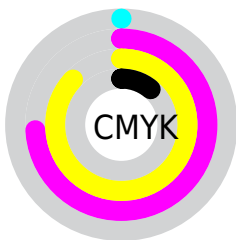
Distribution



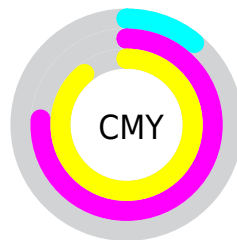
- Red (89%)
- Green (24%)
- Blue (11%)



- Red (89%)
- Yellow (26%)
- Blue (11%)



- Cyan (0%)
- Magenta (74%)
- Yellow (87%)
- Black (11%)



- Cyan (11%)
- Magenta (76%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color E33C1D 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 E33C1D by changing the saturation by 10% instead.

 E33C1D

 E33C1D

FFFFFF

 C21702

 FF774E

 A30000

 FF9367

 820000

 FFB081

 630000

 FFCD9C

 460003

 FFEAB7

 270001

 FFFFD3

 000000

 FFFFF0

 E33C1D

 E33C1D

 E32906

 E34F34

 E32400

 E3624A

 E37561

 E38978

 E39C8F

 E3AFA5

 E3C2BC

 E3D5D3

 E3E8E9

Harmonies

Analogous

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



F30064



E33C1D



B96600

Triad

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



E33C1D



009549



007BFF

Complementary

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



E33C1D



1DC4E3

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.



008FFF



E33C1D



009894

Square

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



E33C1D



1C8E00



0097D7



9A58E7

Rectangle

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



E33C1D



937900



0097D7



0084FF

Sweetspot

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



E33C1D



FFC7BD



E31DC5



805E58



000000



808080

Same Dimension

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



E33C1D



FF2800



E39E1D



736967



B31C00



330800

Inverse Universe

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



1DC4E3



00D7FF



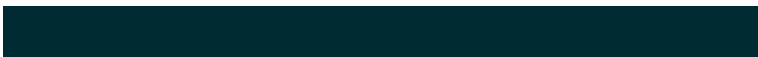
1D62E3



677173



0097B3



002B33

Previews

White Background



This preview shows how the Hex color E33C1D looks on a white background.

Color Contrast Check

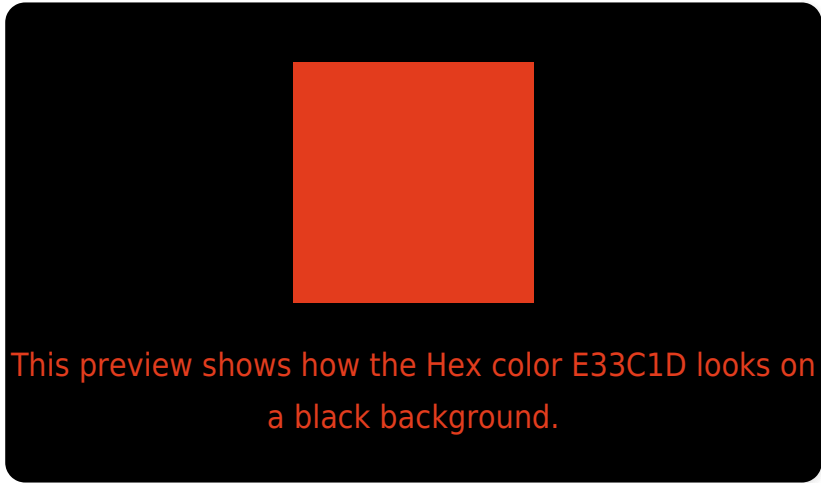
Large Text (above 18pt) WCAG AA ✓ Pass

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 E33C1D Background



This preview shows how black text looks on a background with the Hex color E33C1D.

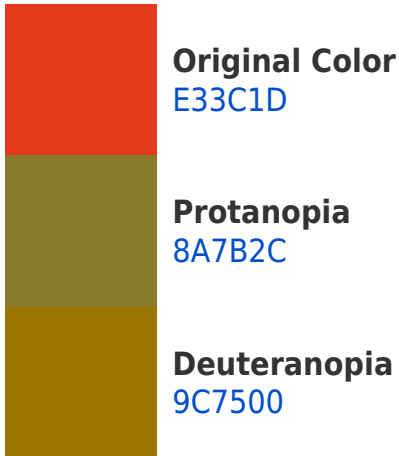


This preview shows how white text looks on a background with the Hex color E33C1D.

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
E4393B

Trichromacy



Original Color
E33C1D

Protanomaly
AA6427

Deuteranomaly
B6600B

Tritanomaly
E43A30

Monochromacy



Original Color
E33C1D

Achromatopsia
6A6A6A

Achromatomaly
96594E

CSS Examples

Text

The CSS property to change the color of the text to Hex E33C1D 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 #E33C1D looks like.

```
.text, #text, p{  
    color:#E33C1D  
}
```

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 #E33C1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E33C1D
}
```

Border

The CSS property to change the border of an element to Hex E33C1D 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".

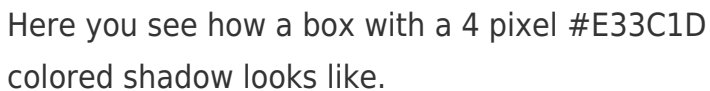
```
.border, #border, table{ border:4px solid
#E33C1D }
```

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

```
.border{ border-color:#E33C1D }
```

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

Here you see how a box with a 4 pixel #E33C1D colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and centered.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E33C1D; -webkit-box-shadow:4px 4px  
4px 4px #E33C1D; box-shadow:4px 4px 4px  
4px #E33C1D }
```

Background

The CSS property to change the background color of an element to Hex E33C1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E33C1D }
```

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

```
.background{ background-color:#E33C1D }
```

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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