

# Converting Colors

Hex(E44021)

Have a look what the booklet for  
Hex(E44021) contains.

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**Color**

**Hex(E44021)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E44021
RGB	228, 64, 33
RGB Percent	89%, 25%, 13%
CMY	0.1059, 0.7490, 0.8706
CMYK	0.00, 0.72, 0.86, 0.11
HSL	10°, 78%, 51%
HSV	10°, 86%, 89%
XYZ	34.1028, 20.2706, 3.5540
YIQ	109.5020, 107.6950, 25.1270

# Conversions

## Conversions Part 2

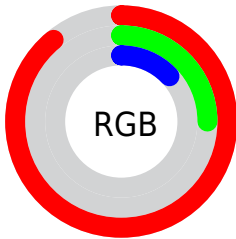
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	228, 70, 33
Decimal	14958625
CIE <sub>Lab</sub>	52.14, 61.58, 53.57
CIE <sub>LCh</sub>	52, 81.618, 41.021
Yxy	20.2706, 0.5887, 0.3499
Android (android.graphics.Color)	4293148705 (0xFFE44021)
YUV	109.5020, -37.7155, 103.9227
Hunter-Lab	45.0229, 56.4158, 26.8357

# Details

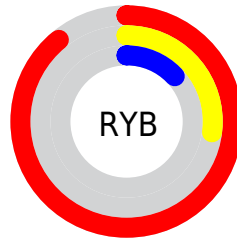
The Hex color **E44021** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **21C5E4**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF7A52**, and **A40000** is the 20% darker color. If you saturate the color by 10%, you get **E42D0A**, and if you desaturate by 10%, it is **E45338**.

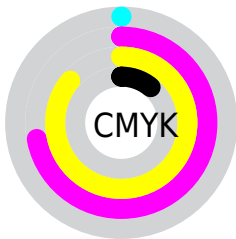
# Distribution



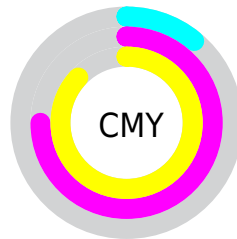
- Red (89%)
- Green (25%)
- Blue (13%)



- Red (89%)
- Yellow (27%)
- Blue (13%)



- Cyan (0%)
- Magenta (72%)
- Yellow (86%)
- Black (11%)



- Cyan (11%)
- Magenta (75%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E44021 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 E44021 by changing the saturation by 10% instead.



 E44021

 E44021

FFFFFF

 C41D06

 FF7A52

 A40000

 FF966B

 840000

 FFB385

 640000

 FFD0A0

 470002

 FFEDBB

 290001

 FFFFD7

 000000

 FFFFF4

 E44021

 E44021

 E42D0A

 E45338

 E42400

 E4664F

 E47A65

 E48D7C

 E4A093

 E4B3AA

 E4C6C1

 E4D9D7

 E4EDEE

# Harmonies

## Analogous

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



F40466



E44021



BA6800

# Triad

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



E44021



00974B



007DFF

# Complementary

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



E44021



21C5E4

# 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.



0091FF



E44021



009A95

# Square

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



E44021



249000



0099D8



9C5BE7

# Rectangle

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



E44021



957B00



0099D8



0085FF



# Sweetspot

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



E44021



FFC7BD



E421C7



805E58



000000



808080



# Same Dimension

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



E44021



FF2900



E4A021



736967



B31C00



330800



# Inverse Universe

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



21C5E4



00D6FF



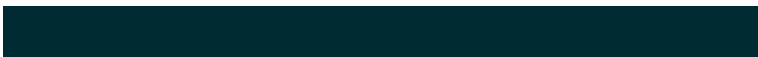
2165E4



677173



0096B3



002B33



# Previews

## White Background



This preview shows how the Hex color E44021 looks on a white background.

## Color Contrast Check

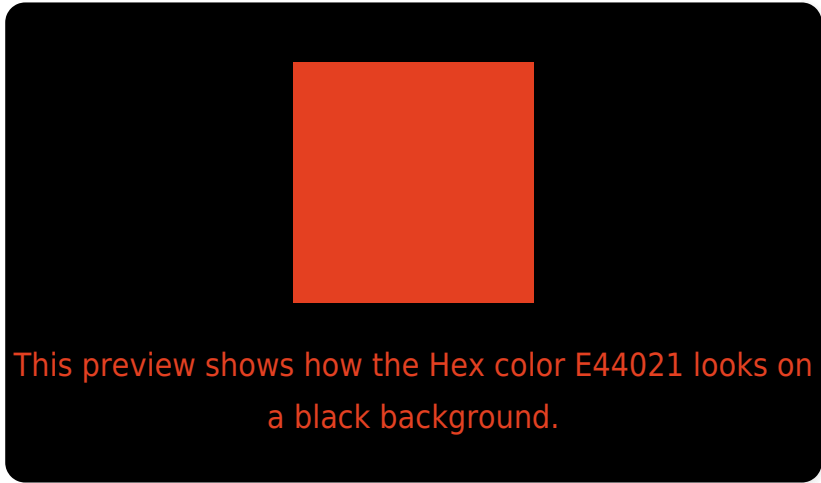
Large Text (above 18pt) WCAG AA ✓ Pass

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 E44021 Background



This preview shows how black text looks on a background with the Hex color E44021.



This preview shows how white text looks on a background with the Hex color E44021.

# 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**  
E44021

**Protanopia**  
8B7D30

**Deuteranopia**  
9E7600



**Tritanopia**  
E53D3F

# Trichromacy



**Original Color**  
E44021

**Protanomaly**  
AB672B

**Deuteranomaly**  
B7620C

**Tritanomaly**  
E53E34

# Monochromacy



**Original Color**  
E44021

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
995D52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E44021 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 #E44021 looks like.

```
.text, #text, p{  
    color:#E44021  
}
```

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 #E44021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E44021
}
```

## Border

The CSS property to change the border of an element to Hex E44021 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".

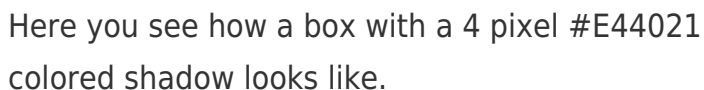
```
.border, #border, table{ border:4px solid
#E44021 }
```

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

```
.border{ border-color:#E44021 }
```

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

Here you see how a box with a 4 pixel #E44021 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E44021; -webkit-box-shadow:4px 4px  
4px 4px #E44021; box-shadow:4px 4px 4px  
4px #E44021 }
```

# Background

The CSS property to change the background color of an element to Hex E44021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E44021 }
```

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

```
.background{ background-color:#E44021 }
```

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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