

# Converting Colors

Hex(E63C25)

Have a look what the booklet for  
Hex(E63C25) contains.

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**Color**

**Hex(E63C25)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E63C25
RGB	230, 60, 37
RGB Percent	90%, 24%, 15%
CMY	0.0980, 0.7647, 0.8549
CMYK	0.00, 0.74, 0.84, 0.10
HSL	7°, 79%, 52%
HSV	7°, 84%, 90%
XYZ	34.5829, 20.1883, 3.8243
YIQ	108.2080, 108.7030, 28.8870

# Conversions

## Conversions Part 2

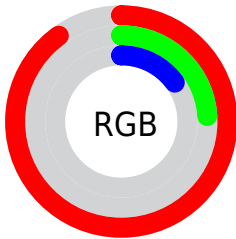
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 63, 37
Decimal	15088677
CIE <sub>Lab</sub>	52.05, 63.64, 51.83
CIE <sub>LCh</sub>	52, 82.072, 39.161
Yxy	20.1883, 0.5902, 0.3445
Android (android.graphics.Color)	4293278757 (0xFFE63C25)
YUV	108.2080, -35.1055, 106.8116
Hunter-Lab	44.9314, 58.7585, 26.4056

# Details

The Hex color **E63C25** 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 **25CFE6**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF7755**, and **A50000** is the 20% darker color. If you saturate the color by 10%, you get **E6280E**, and if you desaturate by 10%, it is **E6503C**.

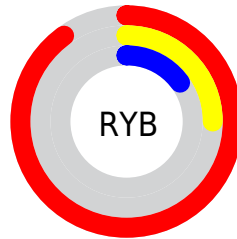
# Distribution



Red (90%)

Green (24%)

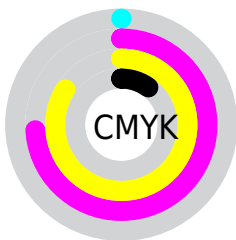
Blue (15%)



Red (90%)

Yellow (25%)

Blue (15%)

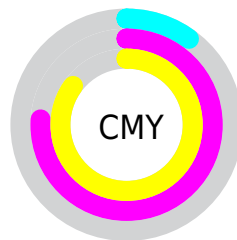


Cyan (0%)

Magenta (74%)

Yellow (84%)

Black (10%)



Cyan (10%)

Magenta (76%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E63C25 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 E63C25 by changing the saturation by 10% instead.



 E63C25

 E63C25

FFFFFF

 C5160C

 FF7755

 A50000

 FF946E

 850000

 FFB088

 660000

 FFCEA3

 490002

 FFEBBF

 2A0001

 FFFFDB

 000000

 FFFFF7

 E63C25

 E63C25

 E6280E

 E6503C

 E61B00

 E66553

 E6796A

 E68D81

 E6A198

 E6B6AF

 E6CAC6

 E6DEDD

 E6F2F4

# Harmonies

## Analogous

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



F4006A



E63C25



BD6600

# Triad

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



E63C25



009746



007FFF

# Complementary

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



E63C25



25CFE6

# 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



E63C25



009991

# Square

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



E63C25



2D8F00



0099D4



955DEB

# Rectangle

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



E63C25



997900



0099D4



0086FF



# Sweetspot

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



E63C25



FFC7BF



E625CF



805E59



000000



808080



# Same Dimension

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



E63C25



FF1E00



E69C25



736967



B31500



330600



# Inverse Universe

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



25CFE6



00E1FF



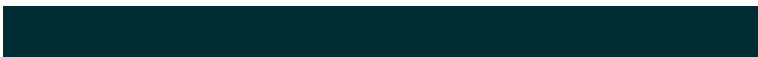
256FE6



677173



009DB3



002D33



# Previews

## White Background



This preview shows how the Hex color E63C25 looks on a white background.

## Color Contrast Check

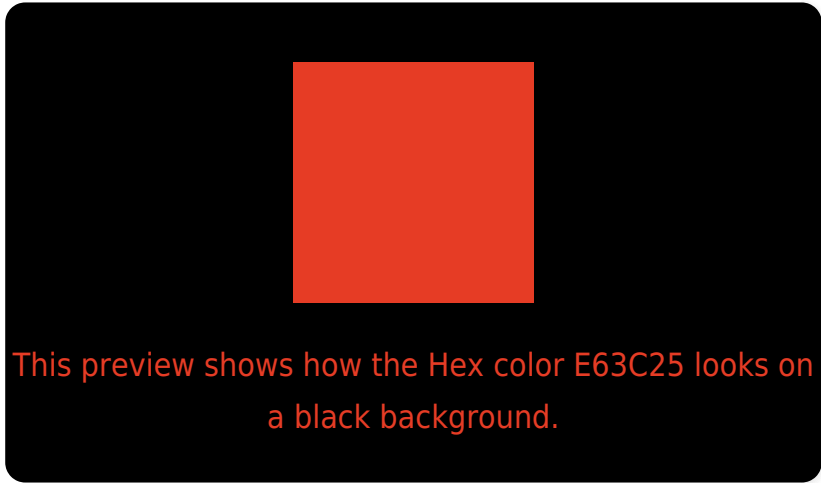
Large Text (above 18pt) WCAG AA ✓ Pass

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 E63C25 Background



This preview shows how black text looks on a background with the Hex color E63C25.



This preview shows how white text looks on a background with the Hex color E63C25.

# 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**  
E63C25

**Protanopia**  
8B7D36

**Deuteranopia**  
9E760E



**Tritanopia**  
E7393B

# Trichromacy



**Original Color**  
E63C25

**Protanomaly**  
AC6530

**Deuteranomaly**  
B86116

**Tritanomaly**  
E73A33

# Monochromacy



**Original Color**  
E63C25

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
985B52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E63C25 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 #E63C25 looks like.

```
.text, #text, p{  
    color:#E63C25  
}
```

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 #E63C25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E63C25
}
```

## Border

The CSS property to change the border of an element to Hex E63C25 is called "border". The border property can be set on classes, ids or directly on the HTML element.

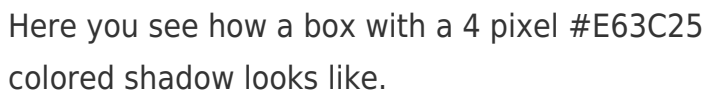
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E63C25 }
```

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

```
.border{ border-color:#E63C25 }
```

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



Here you see how a box with a 4 pixel #E63C25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E63C25; -webkit-box-shadow:4px 4px  
4px 4px #E63C25; box-shadow:4px 4px 4px  
4px #E63C25 }
```

# Background

The CSS property to change the background color of an element to Hex E63C25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E63C25 }
```

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

```
.background{ background-color:#E63C25 }
```

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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