

# Converting Colors

Hex(E35D3B)

Have a look what the booklet for  
Hex(E35D3B) contains.

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# Color

Hex(E35D3B)

# Conversions

## Conversions Part 1

Format	Color
Hex	E35D3B
RGB	227, 93, 59
RGB Percent	89%, 36%, 23%
CMY	0.1098, 0.6353, 0.7686
CMYK	0.00, 0.59, 0.74, 0.11
HSL	12°, 75%, 56%
HSV	12°, 74%, 89%
XYZ	36.3823, 24.4754, 6.9443
YIQ	129.1900, 90.7780, 17.8340

# Conversions

## Conversions Part 2

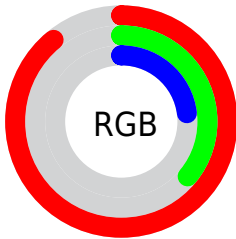
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	227, 102, 59
Decimal	14900539
CIE Lab	56.56, 50.28, 45.20
CIE LCh	57, 67.607, 41.954
Yxy	24.4754, 0.5366, 0.3610
Android (android.graphics.Color)	4293090619 (0xFFE35D3B)
YUV	129.1900, -34.6037, 85.7794
Hunter-Lab	49.4726, 44.6926, 26.3084

# Details

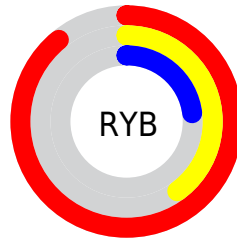
The Hex color **E35D3B** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **3BC1E3**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF936C**, and **A4250B** is the 20% darker color. If you saturate the color by 10%, you get **E34B24**, and if you desaturate by 10%, it is **E36F52**.

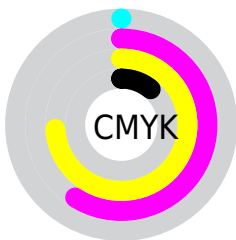
# Distribution



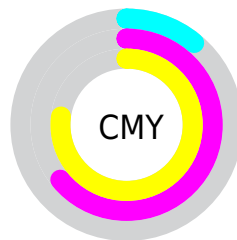
- Red (89%)
- Green (36%)
- Blue (23%)



- Red (89%)
- Yellow (40%)
- Blue (23%)



- Cyan (0%)
- Magenta (59%)
- Yellow (74%)
- Black (11%)



- Cyan (11%)
- Magenta (64%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E35D3B 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 E35D3B by changing the saturation by 10% instead.



 E35D3B

 E35D3B

FFFFFF

 C44224

 FF936C

 A4250B

 FFAF86

 860000

 FFCCA0

 670000

 FFE9BC

 4A0000

 FFFFD8

 2F0002

 FFFFF4

 000000

 E35D3B

 E35D3B

 E34B24

 E36F52

 E3390E

 E38168

 E32E00

 E3937F

 E3A596

 E3B8AD

 E3CAC3

 E3DCDA

 E3EEF1

 E3FFFF

# Harmonies

## Analogous

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



F04973



E35D3B



C07800

# Triad

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



E35D3B



00A061



1787FC

# Complementary

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



E35D3B



3BC1E3

# 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.



0098F8



E35D3B



00A39E

# Square

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



E35D3B



499925



00A0D5



A76DE0

# Rectangle

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



E35D3B



9F8600



00A0D5



008EFE



# Sweetspot

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



E35D3B



FFD2C7



E33BC1



80655E



000000



808080



# Same Dimension

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



E35D3B



FF4A1C



E3B13B



736A67



B32400



330A00



# Inverse Universe

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



3BC1E3



1CD1FF



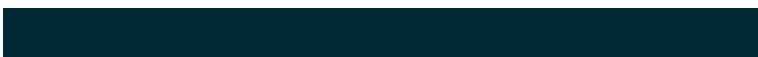
3B6DE3



677073



008EB3



002933



# Previews

## White Background



This preview shows how the Hex color E35D3B 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 E35D3B Background



This preview shows how black text looks on a background with the Hex color E35D3B.

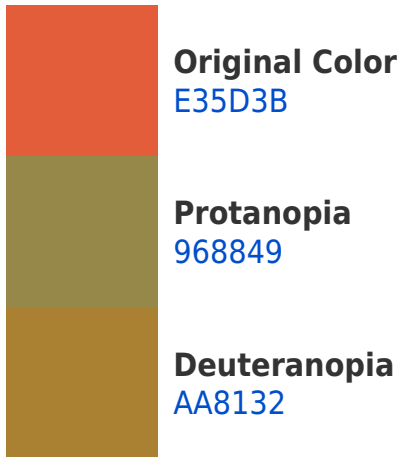


This preview shows how white text looks on a background with the Hex color E35D3B.

# 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





# Trichromacy



**Original Color**  
E35D3B

**Protanomaly**  
B27844

**Deuteranomaly**  
BF7435

**Tritanomaly**  
E45A51

# Monochromacy



**Original Color**  
E35D3B

**Achromatopsia**  
818181

**Achromatomaly**  
A57468

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E35D3B 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 #E35D3B looks like.

```
.text, #text, p{  
    color:#E35D3B  
}
```

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 #E35D3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E35D3B
}
```

## Border

The CSS property to change the border of an element to Hex E35D3B 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
#E35D3B }
```

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

```
.border{ border-color:#E35D3B }
```

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

Here you see how a box with a 4 pixel #E35D3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E35D3B; -webkit-box-shadow:4px 4px  
4px 4px #E35D3B; box-shadow:4px 4px 4px  
4px #E35D3B }
```

# Background

The CSS property to change the background color of an element to Hex E35D3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E35D3B }
```

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

```
.background{ background-color:#E35D3B }
```

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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