

# Converting Colors

Hex(E02633)

Have a look what the booklet for  
Hex(E02633) contains.

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**Color**

**Hex(E02633)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E02633
RGB	224, 38, 51
RGB Percent	88%, 15%, 20%
CMY	0.1216, 0.8510, 0.8000
CMYK	0.00, 0.83, 0.77, 0.12
HSL	356°, 75%, 51%
HSV	356°, 83%, 88%
XYZ	32.0311, 17.4725, 4.8163
YIQ	95.0960, 106.6830, 43.4750

# Conversions

## Conversions Part 2

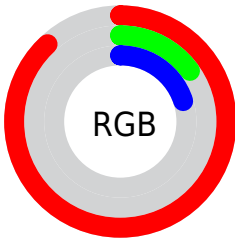
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 38, 51
Decimal	14689843
CIE Lab	48.85, 68.42, 41.08
CIE LCh	49, 79.806, 30.979
Yxy	17.4725, 0.5897, 0.3217
Android (android.graphics.Color)	4292879923 (0xFFE02633)
YUV	95.0960, -21.7393, 113.0488
Hunter-Lab	41.8002, 63.6328, 22.4286

# Details

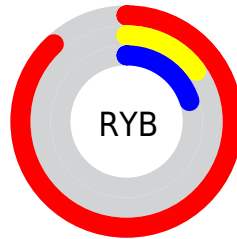
The Hex color **E02633** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **26E0D3**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF6862**, and **A00007** is the 20% darker color. If you saturate the color by 10%, you get **E0101E**, and if you desaturate by 10%, it is **E03C48**.

# Distribution



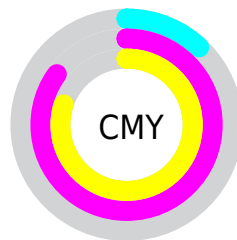
- Red (88%)
- Green (15%)
- Blue (20%)



- Red (88%)
- Yellow (15%)
- Blue (20%)



- Cyan (0%)
- Magenta (83%)
- Yellow (77%)
- Black (12%)



- Cyan (12%)
- Magenta (85%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E02633 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 E02633 by changing the saturation by 10% instead.



 E02633

 E02633

FFFFFF

 C0001D

 FF6862

 A00007

 FF857B

 800000

 FFA295

 600001

 FFC0B0

 440003

 FFDDCB

 220001

 FFFBE8

 000000

 E02633

 E02633

 E0101E

 E03C48

 E00010

 E0535D

 E06972

 E08086

 E0969B

 E0ACB0

 E0C3C5

 E0D9DA

 E0F0EF

# Harmonies

## Analogous

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



E50075



E02633



BF5500

# Triad

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



E02633



008C2B



007DFD

# Complementary

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



E02633



26E0D3

# 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.



008BEB



E02633



009075

# Square

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



E02633



458300



0090B9



6B60EA

# Rectangle

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



E02633



9E6A00



0090B9



0083FB



# Sweetspot

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



E02633



FFBFC4



D026E0



80595C



000000



808080



# Same Dimension

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



E02633



FF0012



E07426



706566



B0000C



300003



# Inverse Universe

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



E02633



FF0012



2693E0



706566



B0000C



300003



# Previews

## White Background



This preview shows how the Hex color E02633 looks on a white background.

## Color Contrast Check

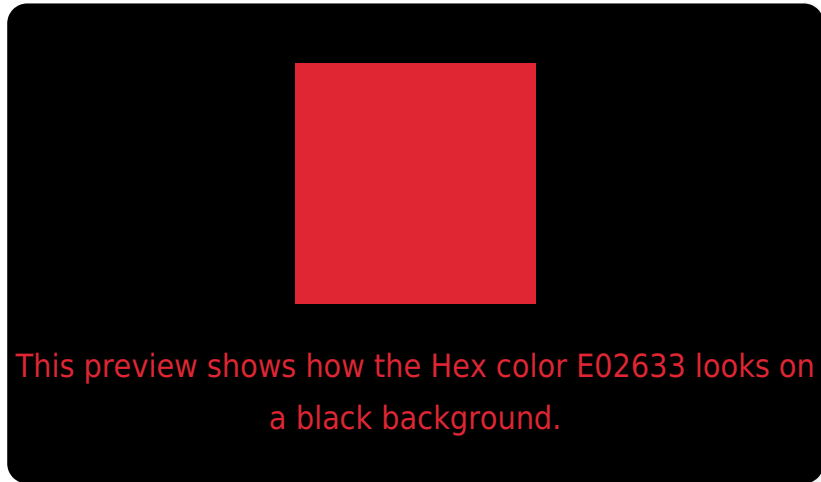
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E02633 Background



This preview shows how black text looks on a background with the Hex color E02633.



This preview shows how white text looks on a background with the Hex color E02633.

# 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**  
E02633

**Protanopia**  
7F754A

**Deuteranopia**  
926F26



**Tritanopia**  
E02827

# Trichromacy



**Original Color**  
E02633

**Protanomaly**  
A25842

**Deuteranomaly**  
AE542B

**Tritanomaly**  
E0272B

# Monochromacy



**Original Color**  
E02633

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
8E4A4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E02633 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 #E02633 looks like.

```
.text, #text, p{  
    color:#E02633  
}
```

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 #E02633 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E02633
}
```

## Border

The CSS property to change the border of an element to Hex E02633 is called "border". The border property can be set on classes, ids or directly on the HTML element.

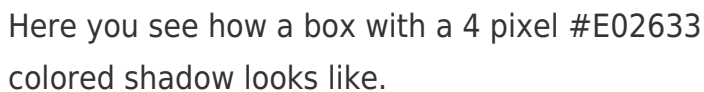
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E02633 }
```

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

```
.border{ border-color:#E02633 }
```

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



Here you see how a box with a 4 pixel #E02633 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E02633; -webkit-box-shadow:4px 4px  
4px 4px #E02633; box-shadow:4px 4px 4px  
4px #E02633 }
```

# Background

The CSS property to change the background color of an element to Hex E02633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E02633 }
```

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

```
.background{ background-color:#E02633 }
```

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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