

# Converting Colors

Hex(E02125)

Have a look what the booklet for  
Hex(E02125) contains.

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**Color**

**Hex(E02125)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E02125
RGB	224, 33, 37
RGB Percent	88%, 13%, 15%
CMY	0.1216, 0.8706, 0.8549
CMYK	0.00, 0.85, 0.83, 0.12
HSL	359°, 75%, 50%
HSV	359°, 85%, 88%
XYZ	31.6183, 17.0686, 3.3784
YIQ	90.5650, 112.5520, 41.7360

# Conversions

## Conversions Part 2

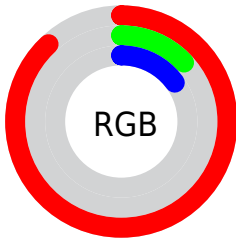
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 33, 37
Decimal	14688549
CIE Lab	48.35, 69.09, 48.10
CIE LCh	48, 84.184, 34.842
Yxy	17.0686, 0.6073, 0.3278
Android (android.graphics.Color)	4292878629 (0xFFE02125)
YUV	90.5650, -26.4075, 117.0225
Hunter-Lab	41.3141, 64.3087, 24.0716

# Details

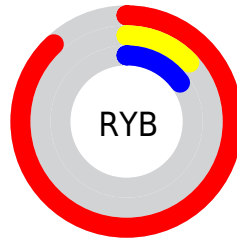
The Hex color **E02125** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **21E0DC**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF6554**, and **9F0000** is the 20% darker color. If you saturate the color by 10%, you get **E00B0F**, and if you desaturate by 10%, it is **E0373B**.

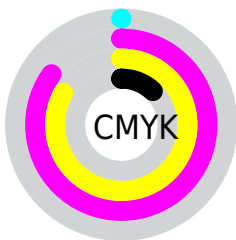
# Distribution



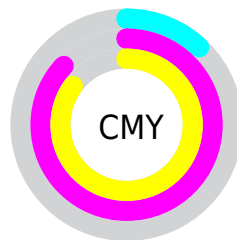
- Red (88%)
- Green (13%)
- Blue (15%)



- Red (88%)
- Yellow (13%)
- Blue (15%)



- Cyan (0%)
- Magenta (85%)
- Yellow (83%)
- Black (12%)



- Cyan (12%)
- Magenta (87%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E02125 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 E02125 by changing the saturation by 10% instead.



 E02125

 E02125

FFFFFF

 BF000E

 FF6554

 9F0000

 FF826D

 7F0000

 FFA086

 5F0001

 FFBD A1

 430003

 FFDABC

 210001

 FFF8D8

 000000

 FFFFF5

 E02125

 E02125

 E00B0F

 E0373B

 E00005

 E04E51

 E06467

 E07B7D

 E09193

 E0A7A9

 E0BEBF

 E0D4D4

 E0EBEA

# Harmonies

## Analogous

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



EA006B



E02125



BA5600

# Triad

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



E02125



008C30



0079FF

# Complementary

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



E02125



21E0DC

# 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.



008AF5



E02125



008F7D

# Square

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



E02125



308400



008FC3



7959EA

# Rectangle

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



E02125



976C00



008FC3



0080FF



# Sweetspot

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



E02125



FFBDBE



DA21E0



805859



000000



808080



# Same Dimension

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



E02125



FF0005



E07A21



706565



B00004



300001



# Inverse Universe

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



E02125



FF0005



2187E0



706565



B00004



300001



# Previews

## White Background



This preview shows how the Hex color E02125 looks on a white background.

## Color Contrast Check

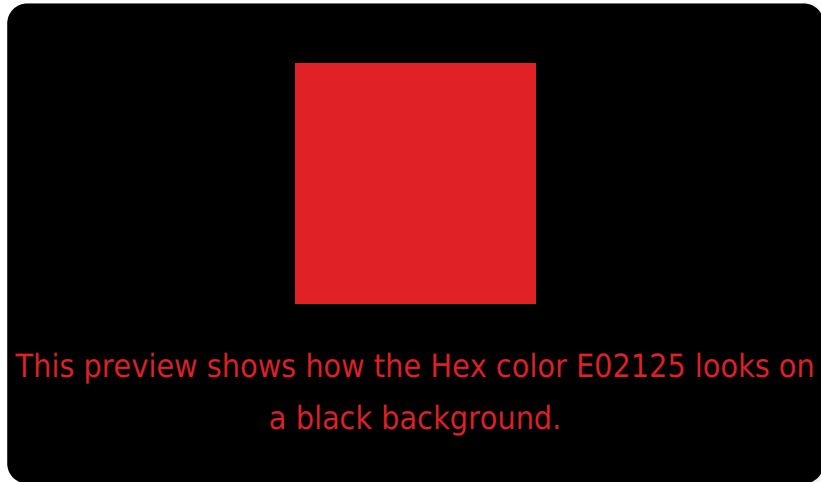
Large Text (above 18pt) WCAG AA ✓ Pass

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 E02125 Background



This preview shows how black text looks on a background with the Hex color E02125.



This preview shows how white text looks on a background with the Hex color E02125.

# 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**  
E02125

**Protanopia**  
807439

**Deuteranopia**  
926E0D



**Tritanopia**  
E0221F

# Trichromacy



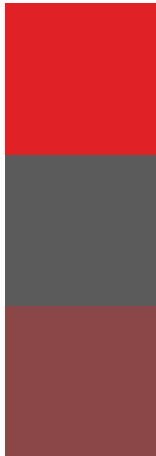
**Original Color**  
E02125

**Protanomaly**  
A35632

**Deuteranomaly**  
AE5216

**Tritanomaly**  
E02221

# Monochromacy



**Original Color**  
E02125

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
8B4647

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E02125 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 #E02125 looks like.

```
.text, #text, p{  
    color:#E02125  
}
```

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 #E02125 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E02125
}
```

## Border

The CSS property to change the border of an element to Hex E02125 is called "border". The border property can be set on classes, ids or directly on the HTML element.

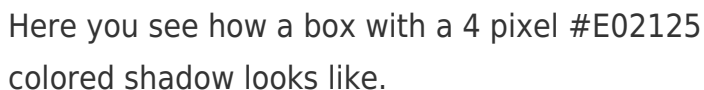
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E02125 }
```

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

```
.border{ border-color:#E02125 }
```

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



Here you see how a box with a 4 pixel #E02125 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E02125; -webkit-box-shadow:4px 4px  
4px 4px #E02125; box-shadow:4px 4px 4px  
4px #E02125 }
```

# Background

The CSS property to change the background color of an element to Hex E02125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E02125 }
```

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

```
.background{ background-color:#E02125 }
```

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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