

# Converting Colors

Hex(E0052D)

Have a look what the booklet for  
Hex(E0052D) contains.

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# Color

**Hex(E0052D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E0052D
RGB	224, 5, 45
RGB Percent	88%, 2%, 18%
CMY	0.1216, 0.9804, 0.8235
CMYK	0.00, 0.98, 0.80, 0.12
HSL	349°, 96%, 45%
HSV	349°, 98%, 88%
XYZ	31.2684, 16.1453, 3.9509
YIQ	75.0410, 117.6840, 58.8680

# Conversions

## Conversions Part 2

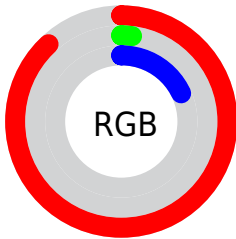
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	224, 5, 45
Decimal	14681389
CIELab	47.16, 72.90, 42.69
CIElCh	47, 84.483, 30.353
Yxy	16.1453, 0.6088, 0.3143
Android (android.graphics.Color)	4292871469 (0xFFE0052D)
YUV	75.0410, -14.8102, 130.6370
Hunter-Lab	40.1812, 68.5888, 22.2970

# Details

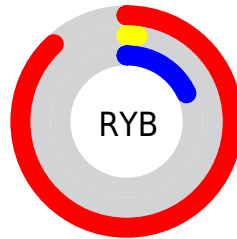
The Hex color **E0052D** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **05E0B8**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **FF5B5B**, and **9F0000** is the 20% darker color. If you saturate the color by 10%, you get **E00029**, and if you desaturate by 10%, it is **E01B3F**.

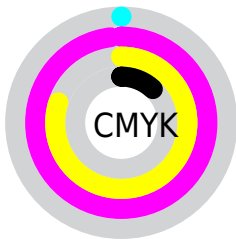
# Distribution



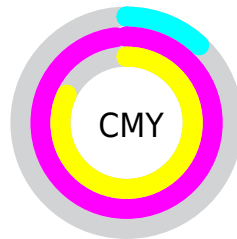
- Red (88%)
- Green (2%)
- Blue (18%)



- Red (88%)
- Yellow (2%)
- Blue (18%)



- Cyan (0%)
- Magenta (98%)
- Yellow (80%)
- Black (12%)



- Cyan (12%)
- Magenta (98%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0052D 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 E0052D by changing the saturation by 10% instead.



 E0052D

 E0052D

FFFFFF

 BF0018

 FF5B5B

 9F0000

 FF7A74

 7F0000

 FF988E

 5F0002

 FFB5A9

 420003

 FFD3C4

 1F0001

 FFF1E0

 000000

FFFFFFD

 E0052D

 E0052D

 E00029

 E01B3F

 E03252

 E04864

 E05F76

 E07589

 E08B9B

 E0A2AD

 E0B8BF

 E0CFD2

# Harmonies

## Analogous

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



E50072



E0052D



BE4D00

# Triad

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



E0052D



00881F



007AFF

# Complementary

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



E0052D



05E0B8

# 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.



0088ED



E0052D



008C6F

# Square

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



E0052D



3D7F00



008CB7



5F5CED

# Rectangle

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



E0052D



9C6500



008CB7



0080FF



# Sweetspot

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



E0052D



FFB5C3



B805E0



80535B



000000



808080



# Same Dimension

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



E0052D



FF002F



E04A05



706567



B00020



300009



# Inverse Universe

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



E0052D



FF002F



059BE0



706567



B00020



300009



# Previews

## White Background



This preview shows how the Hex color E0052D looks on a white background.

## Color Contrast Check

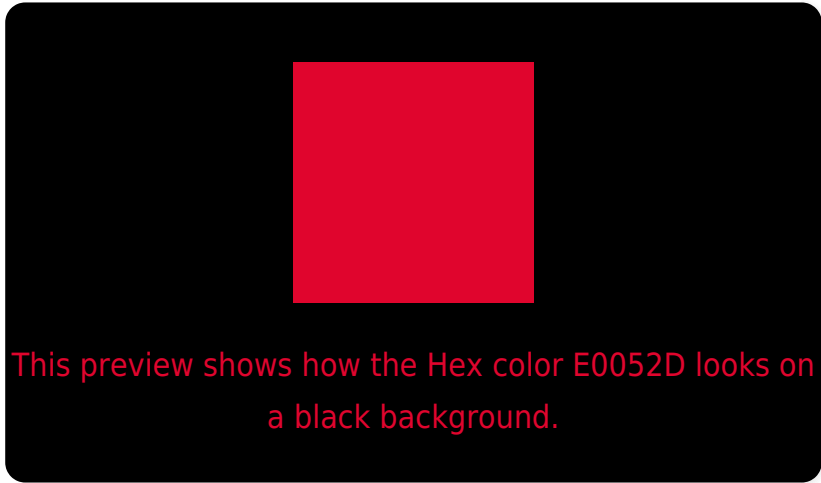
Large Text (above 18pt) WCAG AA ✓ Pass

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 E0052D Background



This preview shows how black text looks on a background with the Hex color E0052D.



This preview shows how white text looks on a background with the Hex color E0052D.

# 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**  
E0052D

**Protanopia**  
7C7246

**Deuteranopia**  
8F6C1C



**Tritanopia**  
E01400

# Trichromacy



**Original Color**  
E0052D



**Protanomaly**  
A04A3D



**Deuteranomaly**  
AC4722



**Tritanomaly**  
E00F10

# Monochromacy



**Original Color**  
E0052D



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
813240

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0052D 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 #E0052D looks like.

```
.text, #text, p{  
    color:#E0052D  
}
```

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 #E0052D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0052D }  
}
```

## Border

The CSS property to change the border of an element to Hex E0052D is called "border". The border property can be set on classes, ids or directly on the HTML element.

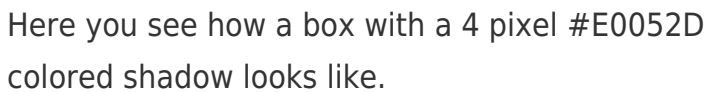
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #E0052D }  
}
```

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

```
.border{ border-color:#E0052D }
```

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



Here you see how a box with a 4 pixel #E0052D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0052D; -webkit-box-shadow:4px 4px  
4px 4px #E0052D; box-shadow:4px 4px 4px  
4px #E0052D }
```

# Background

The CSS property to change the background color of an element to Hex E0052D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0052D }
```

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

```
.background{ background-color:#E0052D }
```

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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