

# Converting Colors

Hex(ED3729)

Have a look what the booklet for  
Hex(ED3729) contains.

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**Color**

**Hex(ED3729)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED3729
RGB	237, 55, 41
RGB Percent	93%, 22%, 16%
CMY	0.0706, 0.7843, 0.8392
CMYK	0.00, 0.77, 0.83, 0.07
HSL	4°, 84%, 55%
HSV	4°, 83%, 93%
XYZ	36.6915, 20.8970, 4.1975
YIQ	107.8220, 112.9660, 34.2300

# Conversions

## Conversions Part 2

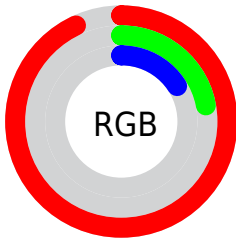
Format	Color
R <sub>Y</sub> B	237, 56, 41
Decimal	15546153
CIE Lab	52.84, 67.36, 51.12
CIE LCh	53, 84.559, 37.198
Yxy	20.8970, 0.5938, 0.3382
Android (android.graphics.Color)	4293736233 (0xFFED3729)
YUV	107.8220, -32.9432, 113.2891
Hunter-Lab	45.7132, 63.2739, 26.5551

# Details

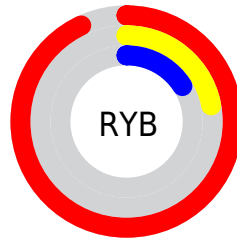
The Hex color **ED3729** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **29DFED**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF7459**, and **AC0000** is the 20% darker color. If you saturate the color by 10%, you get **ED2111**, and if you desaturate by 10%, it is **ED4D41**.

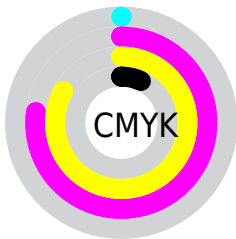
# Distribution



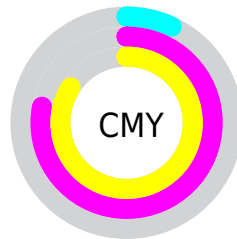
- Red (93%)
- Green (22%)
- Blue (16%)



- Red (93%)
- Yellow (22%)
- Blue (16%)



- Cyan (0%)
- Magenta (77%)
- Yellow (83%)
- Black (7%)



- Cyan (7%)
- Magenta (78%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED3729 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 ED3729 by changing the saturation by 10% instead.



 ED3729

 ED3729

FFFFFF

 CC0611

 FF7459

 AC0000

 FF9172

 8C0000

 FFAF8C

 6C0000

 FFCCA7

 4E0002

 FFEAC2

 2F0002

 FFFFDF

 000000

 FFFFFB

 ED3729

 ED3729

 ED2111

 ED4D41

 ED1100

 ED6358

 ED7970

 ED8F88

 EDA5A0

 EDBBB7

 EDD1CF

 EDE7E7

 EDFDFE

# Harmonies

## Analogous

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



F90070



ED3729



C56500

# Triad

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



ED3729



009941



0083FF

# Complementary

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



ED3729



29DFED

# 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.



0095FF



ED3729



009C8E

# Square

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



ED3729



349100



009CD5



9061F4

# Rectangle

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



ED3729



9F7900



009CD5



008AFF



# Sweetspot

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



ED3729



FFC4BF



ED29E0



805C59



000000



808080



# Same Dimension

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



ED3729



FF1503



ED9829



756A6A



B50D00



360400



# Inverse Universe

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



29DFED



03EDFF



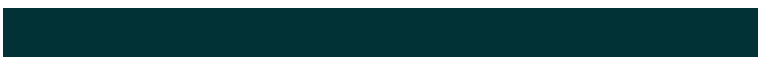
297EED



6A7475



00A8B5



003236



# Previews

## White Background



This preview shows how the Hex color ED3729 looks on a white background.

## Color Contrast Check

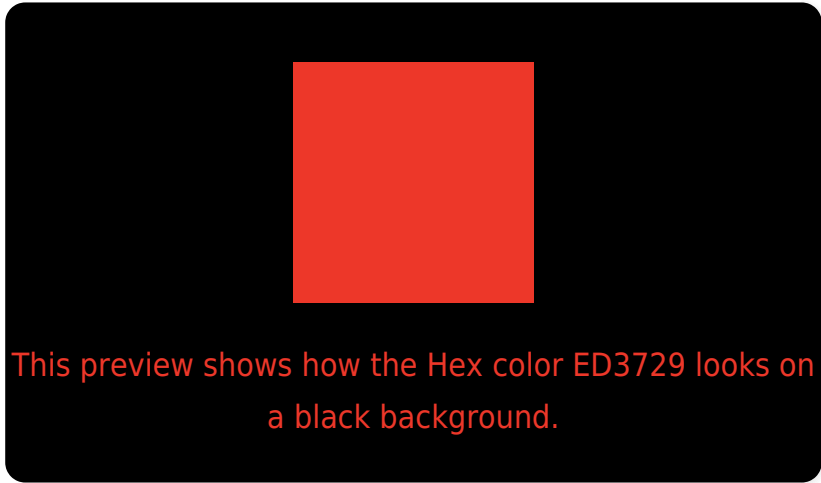
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED3729 Background



This preview shows how black text looks on a background with the Hex color ED3729.



This preview shows how white text looks on a background with the Hex color ED3729.

# 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**  
ED3729

**Protanopia**  
8C7F3C

**Deuteranopia**  
A07814



# Trichromacy



**Original Color**  
ED3729

**Protanomaly**  
AF6535

**Deuteranomaly**  
BC601C

**Tritanomaly**  
ED3631

# Monochromacy



**Original Color**  
ED3729

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
9B5954

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED3729 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 #ED3729 looks like.

```
.text, #text, p{  
    color:#ED3729  
}
```

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 #ED3729 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED3729
}
```

## Border

The CSS property to change the border of an element to Hex ED3729 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
#ED3729 }
```

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

```
.border{ border-color:#ED3729 }
```

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

Here you see how a box with a 4 pixel #ED3729 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED3729; -webkit-box-shadow:4px 4px  
4px 4px #ED3729; box-shadow:4px 4px 4px  
4px #ED3729 }
```

# Background

The CSS property to change the background color of an element to Hex ED3729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED3729 }
```

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

```
.background{ background-color:#ED3729 }
```

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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