

Converting Colors

Hex(ED2F23)

Have a look what the booklet for
Hex(ED2F23) contains.

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Color

Hex(ED2F23)

Conversions

Conversions Part 1

Format	Color
Hex	ED2F23
RGB	237, 47, 35
RGB Percent	93%, 18%, 14%
CMY	0.0706, 0.8157, 0.8627
CMYK	0.00, 0.80, 0.85, 0.07
HSL	4°, 85%, 53%
HSV	4°, 85%, 93%
XYZ	36.2449, 20.1589, 3.5708
YIQ	102.4420, 117.0920, 36.5480

Conversions

Conversions Part 2

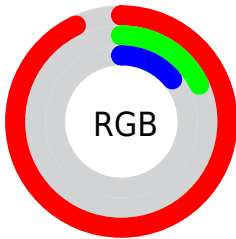
Format	Color
RYB	237, 48, 35
Decimal	15544099
CIELab	52.02, 69.41, 53.25
CIElCh	52, 87.483, 37.497
Yxy	20.1589, 0.6043, 0.3361
Android (android.graphics.Color)	4293734179 (0xFFED2F23)
YUV	102.4420, -33.2489, 118.0074
Hunter-Lab	44.8987, 65.5234, 26.7137

Details

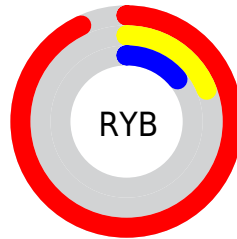
The Hex color **ED2F23** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **23E1ED**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF6F53**, and **AC0000** is the 20% darker color. If you saturate the color by 10%, you get **ED190B**, and if you desaturate by 10%, it is **ED453B**.

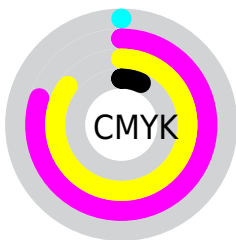
Distribution



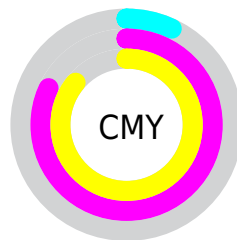
- Red (93%)
- Green (18%)
- Blue (14%)



- Red (93%)
- Yellow (19%)
- Blue (14%)



- Cyan (0%)
- Magenta (80%)
- Yellow (85%)
- Black (7%)



- Cyan (7%)
- Magenta (82%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color ED2F23 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 ED2F23 by changing the saturation by 10% instead.

 ED2F23

 ED2F23

FFFFFF

 CC000A

 FF6F53

 AC0000

 FF8C6C

 8B0000

 FFAA86

 6B0000

 FFC7A1

 4D0003

 FFE5BC

 2E0002

 FFFFD8

 000000

 FFFFF5

 ED2F23

 ED2F23

 ED190B

 ED453B

 ED0E00

 ED5C52

 ED726A

 ED8882

 ED9E9A

 EDB5B1

 EDCBC9

 EDE1E1

 EDF8F8

Harmonies

Analogous

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



FB006D



ED2F23



C36200

Triad

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



ED2F23



00973E



0081FF

Complementary

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



ED2F23



23E1ED

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.



0093FF



ED2F23



009A8E

Square

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



ED2F23



2A9000



009AD7



8F5DF5

Rectangle

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



ED2F23



9D7700



009AD7



0088FF

Sweetspot

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



ED2F23



FFC1BD



ED23E3



805A58



000000



808080

Same Dimension

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



ED2F23



FF0F00



ED9223



756A6A



B50B00



360300

Inverse Universe

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



23E1ED



00F0FF



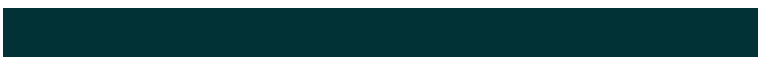
237EED



6A7575



00AAB5



003236

Previews

White Background



This preview shows how the Hex color ED2F23 looks on a white background.

Color Contrast Check

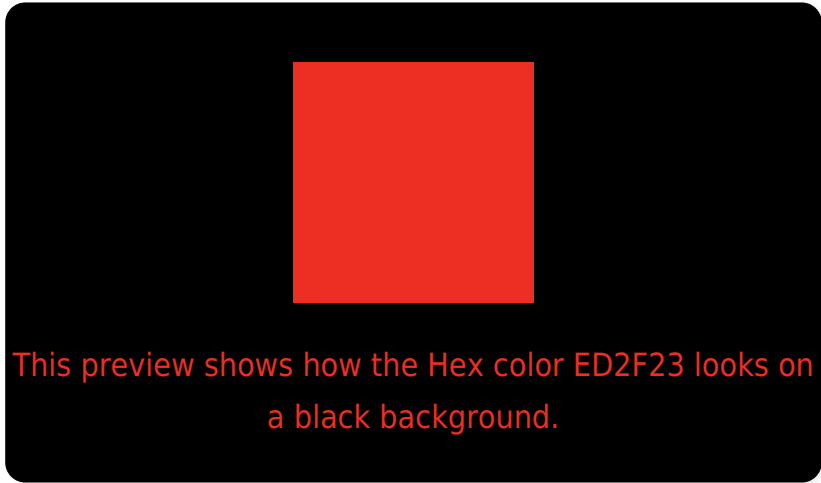
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED2F23 Background



This preview shows how black text looks on a background with the Hex color ED2F23.



This preview shows how white text looks on a background with the Hex color ED2F23.

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
ED2F23

Protanopia
8B7D36

Deuteranopia
9E7600



Trichromacy



Original Color
ED2F23

Protanomaly
AF612F

Deuteranomaly
BB5C0D

Tritanomaly
ED2E29

Monochromacy



Original Color
ED2F23

Achromatopsia
666666

Achromatomaly
97524E

CSS Examples

Text

The CSS property to change the color of the text to Hex ED2F23 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 #ED2F23 looks like.

```
.text, #text, p{  
    color:#ED2F23  
}
```

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 #ED2F23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED2F23
}
```

Border

The CSS property to change the border of an element to Hex ED2F23 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".

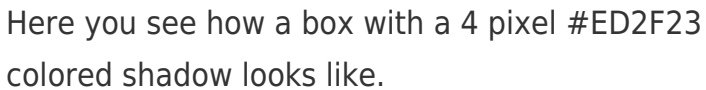
```
.border, #border, table{ border:4px solid
#ED2F23 }
```

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

```
.border{ border-color:#ED2F23 }
```

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

Here you see how a box with a 4 pixel #ED2F23 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED2F23; -webkit-box-shadow:4px 4px  
4px 4px #ED2F23; box-shadow:4px 4px 4px  
4px #ED2F23 }
```

Background

The CSS property to change the background color of an element to Hex ED2F23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED2F23 }
```

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

```
.background{ background-color:#ED2F23 }
```

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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