

Converting Colors

Hex(ED3D23)

Have a look what the booklet for
Hex(ED3D23) contains.

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Color

Hex(ED3D23)

Conversions

Conversions Part 1

Format	Color
Hex	ED3D23
RGB	237, 61, 35
RGB Percent	93%, 24%, 14%
CMY	0.0706, 0.7608, 0.8627
CMYK	0.00, 0.74, 0.85, 0.07
HSL	8°, 85%, 53%
HSV	8°, 85%, 93%
XYZ	36.8972, 21.4634, 3.7883
YIQ	110.6600, 113.2420, 29.2260

Conversions

Conversions Part 2

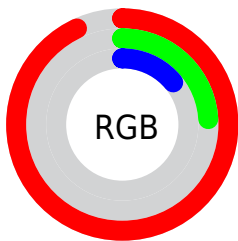
Format	Color
RYB	237, 65, 35
Decimal	15547683
CIELab	53.45, 65.38, 54.45
CIELCh	53, 85.086, 39.792
Yxy	21.4634, 0.5937, 0.3454
Android (android.graphics.Color)	4293737763 (0xFFED3D23)
YUV	110.6600, -37.3004, 110.8002
Hunter-Lab	46.3286, 61.0866, 27.5819

Details

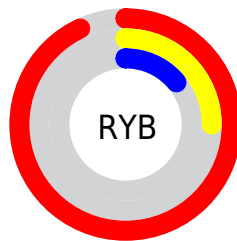
The Hex color **ED3D23** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **23D3ED**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF7954**, and **AC0000** is the 20% darker color. If you saturate the color by 10%, you get **ED280B**, and if you desaturate by 10%, it is **ED523B**.

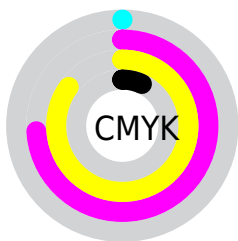
Distribution



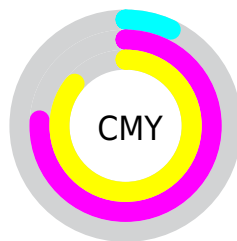
- Red (93%)
- Green (24%)
- Blue (14%)



- Red (93%)
- Yellow (25%)
- Blue (14%)



- Cyan (0%)
- Magenta (74%)
- Yellow (85%)
- Black (7%)



- Cyan (7%)
- Magenta (76%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color ED3D23 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 ED3D23 by changing the saturation by 10% instead.

 ED3D23

 ED3D23

FFFFFF

 CC1609

 FF7954

 AC0000

 FF956D

 8C0000

 FFB287

 6C0000

 FFD0A2

 4E0002

 FFEDBD

 300002

 FFFFD9

 000000

 FFFFF6

 ED3D23

 ED3D23

 ED280B

 ED523B

 ED1F00

 ED6652

 ED7B6A

 ED9082

 EDA49A

 EDB9B1

 EDCEC9

 EDE2E1

 EDF7F8

Harmonies

Analogous

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



FC006B



ED3D23



C26900

Triad

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



ED3D23



009B49



0082FF

Complementary

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



ED3D23



23D3ED

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



ED3D23



009E97

Square

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



ED3D23



289400



009DDD



9C5EF2

Rectangle

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



ED3D23



9C7D00



009DDD



008AFF

Sweetspot

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



ED3D23



FFC5BD



ED23D5



805D58



000000



808080

Same Dimension

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



ED3D23



FF2100



EDA023



756B6A



B51700



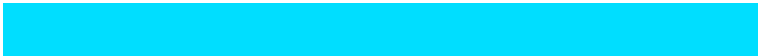
360700

Inverse Universe

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



23D3ED



00DEFF



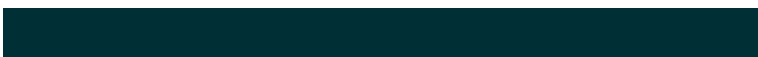
2370ED



6A7475



009EB5



002F36

Previews

White Background



This preview shows how the Hex color ED3D23 looks on a white background.

Color Contrast Check

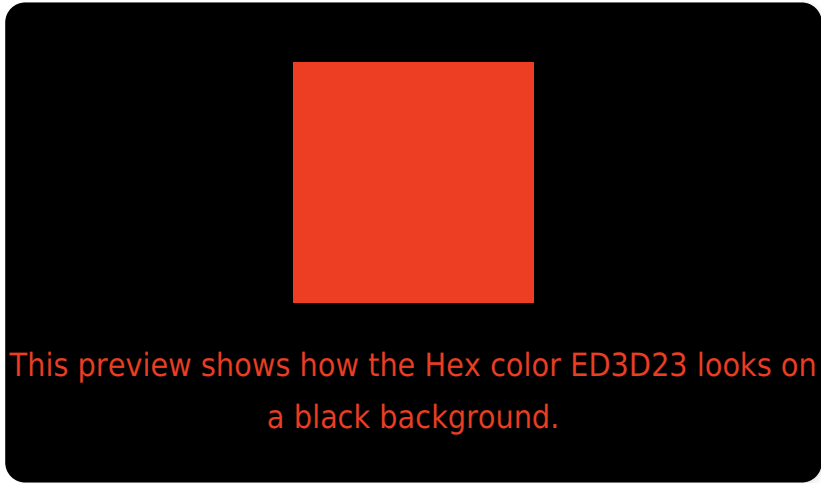
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED3D23 Background



This preview shows how black text looks on a background with the Hex color ED3D23.

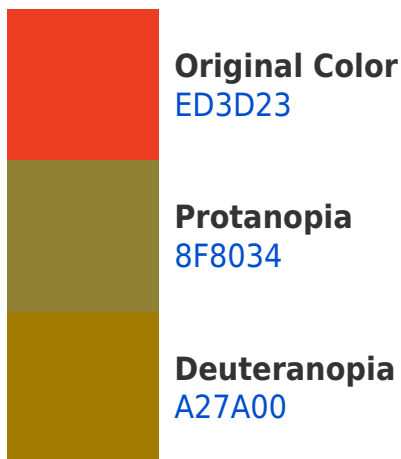


This preview shows how white text looks on a background with the Hex color ED3D23.

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





Trichromacy



Original Color
ED3D23

Protanomaly
B1682E

Deuteranomaly
BD640D

Tritanomaly
EE3B33

Monochromacy



Original Color
ED3D23

Achromatopsia
6F6F6F

Achromatomaly
9D5D53

CSS Examples

Text

The CSS property to change the color of the text to Hex ED3D23 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 #ED3D23 looks like.

```
.text, #text, p{  
    color:#ED3D23  
}
```

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 #ED3D23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED3D23
}
```

Border

The CSS property to change the border of an element to Hex ED3D23 is called "border". The border property can be set on classes, ids or directly on the HTML element.

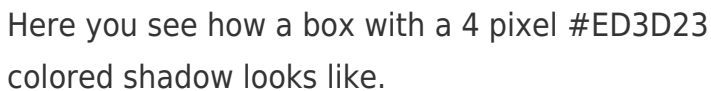
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#ED3D23 }
```

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

```
.border{ border-color:#ED3D23 }
```

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



Here you see how a box with a 4 pixel `#ED3D23` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED3D23; -webkit-box-shadow:4px 4px  
4px 4px #ED3D23; box-shadow:4px 4px 4px  
4px #ED3D23 }
```

Background

The CSS property to change the background color of an element to Hex ED3D23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED3D23 }
```

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

```
.background{ background-color:#ED3D23 }
```

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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