

Converting Colors

Hex(EC3835)

Have a look what the booklet for
Hex(EC3835) contains.

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Color

Hex(**EC3835**)

Conversions

Conversions Part 1

Format	Color
Hex	EC3835
RGB	236, 56, 53
RGB Percent	93%, 22%, 21%
CMY	0.0745, 0.7804, 0.7922
CMYK	0.00, 0.76, 0.78, 0.07
HSL	1°, 83%, 57%
HSV	1°, 78%, 93%
XYZ	36.6488, 20.9183, 5.4742
YIQ	109.4780, 108.2430, 37.2270

Conversions

Conversions Part 2

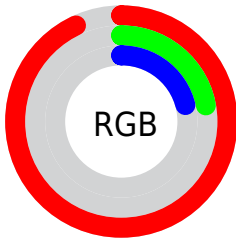
Format	Color
RYB	236, 56, 53
Decimal	15480885
CIELab	52.86, 67.11, 44.91
CIELCh	53, 80.753, 33.788
Yxy	20.9183, 0.5813, 0.3318
Android (android.graphics.Color)	4293670965 (0xFFEC3835)
YUV	109.4780, -27.8437, 110.9598
Hunter-Lab	45.7365, 62.9940, 24.9191

Details

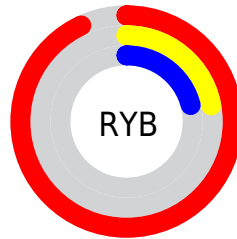
The Hex color **EC3835** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **35E9EC**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF7565**, and **AB0008** is the 20% darker color. If you saturate the color by 10%, you get **EC211D**, and if you desaturate by 10%, it is **EC4F4D**.

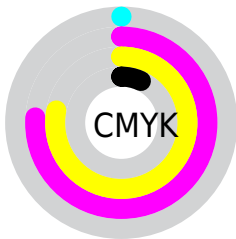
Distribution



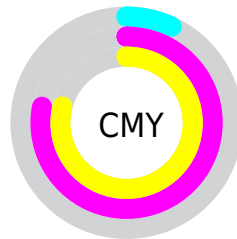
- Red (93%)
- Green (22%)
- Blue (21%)



- Red (93%)
- Yellow (22%)
- Blue (21%)



- Cyan (0%)
- Magenta (76%)
- Yellow (78%)
- Black (7%)



- Cyan (7%)
- Magenta (78%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC3835 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 EC3835 by changing the saturation by 10% instead.

 EC3835

 EC3835

FFFFFF

 CC091F

 FF7565

 AB0008

 FF927E

 8C0000

 FFAF98

 6C0000

 FFCDB3

 4E0002

 FFEACF

 2F0002

 FFFFEB

 000000

 EC3835

 EC3835

 EC211D

 EC4F4D

 EC0A06

 EC6664

 EC0400

 EC7E7C

 EC9593

 ECACAB

 ECC3C3

 ECDADA

 ECF2F2

 ECFFFF

Harmonies

Analogous

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



F40F79



EC3835



C86200

Triad

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



EC3835



00983C



0085FF

Complementary

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



EC3835



35E9EC

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.



0095FC



EC3835



009B85

Square

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



EC3835



478F00



009BCA



8367F3

Rectangle

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



EC3835



A57600



009BCA



008CFF

Sweetspot

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



EC3835



FFC5C4



EC35EC



805C5C



000000



808080

Same Dimension

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



EC3835



FF1612



EC9135



756A6A



B50300



360100

Inverse Universe

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



35E9EC



12FBFF



3591EC



6A7575



00B2B5



003536

Previews

White Background



This preview shows how the Hex color EC3835 looks on a white background.

Color Contrast Check

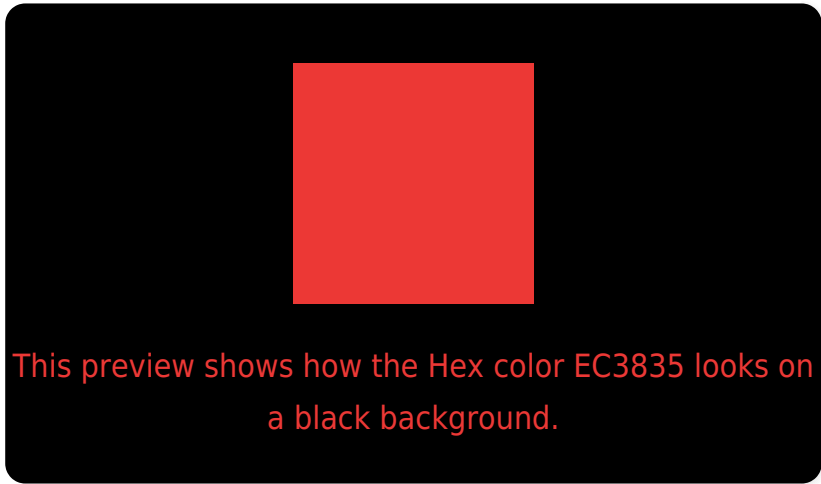
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC3835 Background



This preview shows how black text looks on a background with the Hex color EC3835.



This preview shows how white text looks on a background with the Hex color EC3835.

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
EC3835

Protanopia
8B7F4A

Deuteranopia
9F7827

Trichromacy



Original Color
EC3835

Protanomaly
AE6542

Deuteranomaly
BB612C

Tritanomaly
EC3738

Monochromacy



Original Color
EC3835

Achromatopsia
6D6D6D

Achromatomaly
9B5A59

CSS Examples

Text

The CSS property to change the color of the text to Hex EC3835 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 #EC3835 looks like.

```
.text, #text, p{  
    color:#EC3835  
}
```

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 #EC3835 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC3835
}
```

Border

The CSS property to change the border of an element to Hex EC3835 is called "border". The border property can be set on classes, ids or directly on the HTML element.

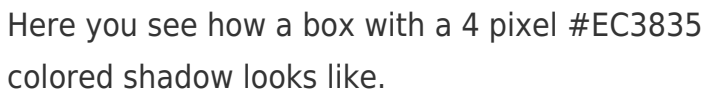
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EC3835 }
```

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

```
.border{ border-color:#EC3835 }
```

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



Here you see how a box with a 4 pixel `#EC3835` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC3835; -webkit-box-shadow:4px 4px  
4px 4px #EC3835; box-shadow:4px 4px 4px  
4px #EC3835 }
```

Background

The CSS property to change the background color of an element to Hex EC3835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC3835 }
```

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

```
.background{ background-color:#EC3835 }
```

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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