

Converting Colors

Hex(EF0042)

Have a look what the booklet for
Hex(EF0042) contains.

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Color

Hex(EF0042)

Conversions

Conversions Part 1

Format	Color
Hex	EF0042
RGB	239, 0, 66
RGB Percent	94%, 0%, 26%
CMY	0.0627, 1.0000, 0.7412
CMYK	0.00, 1.00, 0.72, 0.06
HSL	343°, 100%, 47%
HSV	343°, 100%, 94%
XYZ	36.5800, 18.7441, 6.8442
YIQ	78.9850, 121.2580, 71.1940

Conversions

Conversions Part 2

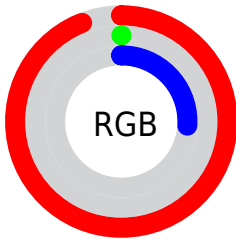
Format	Color
RYB	239, 0, 66
Decimal	15663170
CIELab	50.39, 77.55, 34.94
CIELCh	50, 85.054, 24.253
Yxy	18.7441, 0.5884, 0.3015
Android (android.graphics.Color)	4293853250 (0xFFEF0042)
YUV	78.9850, -6.4016, 140.3332
Hunter-Lab	43.2944, 75.0515, 20.9332

Details

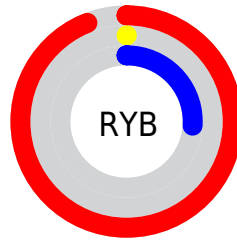
The Hex color **EF0042** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **00EFAD**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **FF5E72**, and **AE0018** is the 20% darker color. If you saturate the color by 10%, you get **EF0042**, and if you desaturate by 10%, it is **EF1853**.

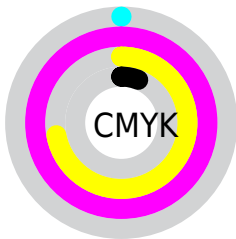
Distribution



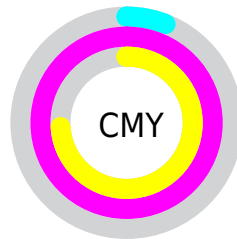
- Red (94%)
- Green (0%)
- Blue (26%)



- Red (94%)
- Yellow (0%)
- Blue (26%)



- Cyan (0%)
- Magenta (100%)
- Yellow (72%)
- Black (6%)



- Cyan (6%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color EF0042 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 EF0042 by changing the saturation by 10% instead.

 EF0042

 EF0042

FFFFFF

 CE002C

 FF5E72

 AE0018

 FF7D8B

 8E0000

 FF9CA6

 6D0002

 FFBAC1

 500004

 FFD8DD

 2F0002

 FFF6F9

 000000

 EF0042

 EF1853

 EF3065

 EF4876

 EF6087

 EF7799

 EF8FAA

 EFA7BB

 EFBFCC

 EFD7DE

Harmonies

Analogous

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



EC0089



EF0042



D14C00

Triad

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



EF0042



009010



0086FF

Complementary

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



EF0042



00EFAD

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.



0092EE



EF0042



009467

Square

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



EF0042



598500



0096B2



3D6BFE

Rectangle

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



EF0042



B16600



0096B2



008CFF

Sweetspot

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



EF0042



FFB3C8



AB00EF



80525E



000000



808080

Same Dimension

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



EF0042



FF0046



EF3400



786C6F



B80033



38000F

Inverse Universe

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



EF0042



FF0046



00BBEF



786C6F



B80033



38000F

Previews

White Background



This preview shows how the Hex color EF0042 looks on a white background.

Color Contrast Check

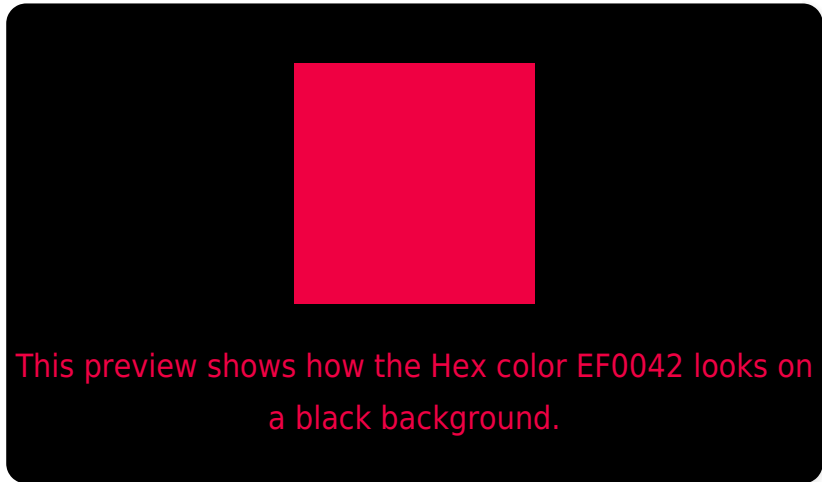
Large Text (above 18pt) WCAG AA ✓ Pass

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 EF0042 Background



This preview shows how black text looks on a background with the Hex color EF0042.



This preview shows how white text looks on a background with the Hex color EF0042.

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
EF0042

Protanopia
817963

Deuteranopia
977436



Tritanopia
EE1B14

Trichromacy



Original Color
EF0042



Protanomaly
A94D57



Deuteranomaly
B74A3A



Tritanomaly
EE1125

Monochromacy



Original Color
EF0042



Achromatopsia
4F4F4F



Achromatomaly
89324A

CSS Examples

Text

The CSS property to change the color of the text to Hex EF0042 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 #EF0042 looks like.

```
.text, #text, p{  
    color:#EF0042  
}
```

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 #EF0042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF0042
}
```

Border

The CSS property to change the border of an element to Hex EF0042 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".

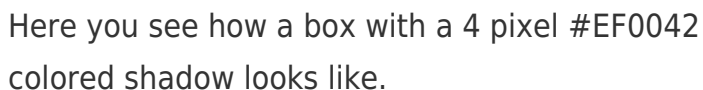
```
.border, #border, table{ border:4px solid
#EF0042 }
```

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

```
.border{ border-color:#EF0042 }
```

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

Here you see how a box with a 4 pixel #EF0042 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and describes the shadow's appearance.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF0042; -webkit-box-shadow:4px 4px  
4px 4px #EF0042; box-shadow:4px 4px 4px  
4px #EF0042 }
```

Background

The CSS property to change the background color of an element to Hex EF0042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF0042 }
```

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

```
.background{ background-color:#EF0042 }
```

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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