

Converting Colors

Hex(EF0028)

Have a look what the booklet for
Hex(EF0028) contains.

| | |
|--|----|
| Hex(EF0028) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(EF0028)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EF0028 |
| RGB | 239, 0, 40 |
| RGB Percent | 94%, 0%, 16% |
| CMY | 0.0627, 1.0000, 0.8431 |
| CMYK | 0.00, 1.00, 0.83, 0.06 |
| HSL | 350°, 100%, 47% |
| HSV | 350°, 100%, 94% |
| XYZ | 35.9796, 18.5039, 3.6828 |
| YIQ | 76.0210, 129.6040, 63.1080 |

Conversions

Conversions Part 2

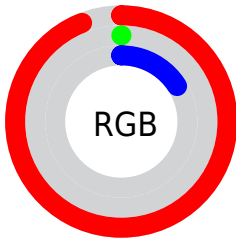
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 239, 0, 40 |
| Decimal | 15663144 |
| CIELab | 50.10, 76.77, 49.29 |
| CIElCh | 50, 91.234, 32.700 |
| Yxy | 18.5039, 0.6186, 0.3181 |
| Android (android.graphics.Color) | 4293853224 (0xFFEF0028) |
| YUV | 76.0210, -17.7584, 142.9326 |
| Hunter-Lab | 43.0162, 74.0227, 25.0353 |

Details

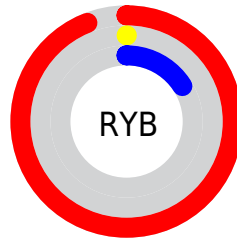
The Hex color **EF0028** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **00EFC7**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FF5D57**, and **AD0000** is the 20% darker color. If you saturate the color by 10%, you get **EF0028**, and if you desaturate by 10%, it is **EF183C**.

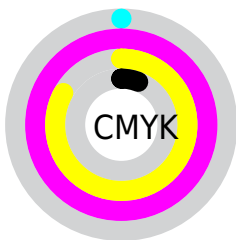
Distribution



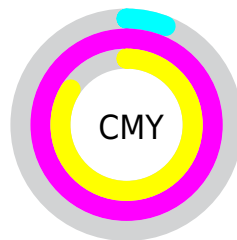
- Red (94%)
- Green (0%)
- Blue (16%)



- Red (94%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (83%)
- Black (6%)



- Cyan (6%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color EF0028 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 EF0028 by changing the saturation by 10% instead.

 EF0028

 EF0028

FFFFFF

 CE0012

 FF5D57

 AD0000

 FF7D70

 8C0000

 FF9B89

 6C0002

 FFB9A4

 4E0004

 FFD7BF

 2E0002

 FFF5DB

 000000

 FFFFF8

 EF0028

 EF183C

 EF3050

 EF4864

 EF6078

 EF778B

 EF8F9F

 EFA7B3

 EFBFC7

 EFD7DB

Harmonies

Analogous

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



F80074



EF0028



C75500

Triad

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



EF0028



009226



0080FF

Complementary

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



EF0028



00EFC7

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.



0091FF



EF0028



00967C

Square

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



EF0028



348900



0096CA



715EFC

Rectangle

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



EF0028



A16E00



0096CA



0088FF

Sweetspot

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



EF0028



FFB3BF



C300EF



805259



000000



808080

Same Dimension

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



EF0028



FF002B



EF4C00



786C6E



B8001F



380009

Inverse Universe

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



EF0028



FF002B



00A3EF



786C6E



B8001F



380009

Previews

White Background



This preview shows how the Hex color EF0028 looks on a white background.

Color Contrast Check

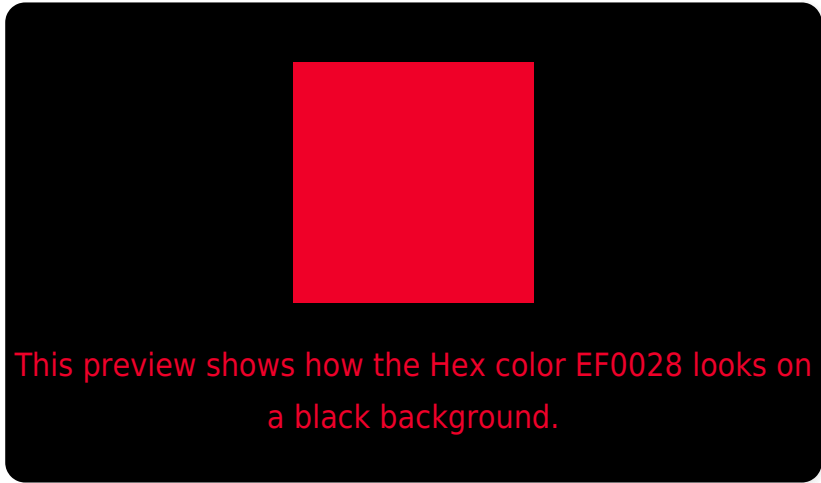
Large Text (above 18pt) WCAG AA ✓ Pass

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 EF0028 Background



This preview shows how black text looks on a background with the Hex color EF0028.



This preview shows how white text looks on a background with the Hex color EF0028.

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
EF0028

Protanopia
857940

Deuteranopia
99730E



Trichromacy



Original Color
EF0028



Protanomaly
AC4D37



Deuteranomaly
B84917



Tritanomaly
EE0D0F

Monochromacy



Original Color
EF0028



Achromatopsia
4C4C4C



Achromatomaly
87303F

CSS Examples

Text

The CSS property to change the color of the text to Hex EF0028 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 #EF0028 looks like.

```
.text, #text, p{  
    color:#EF0028  
}
```

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 #EF0028 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF0028  
}
```

Border

The CSS property to change the border of an element to Hex EF0028 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".

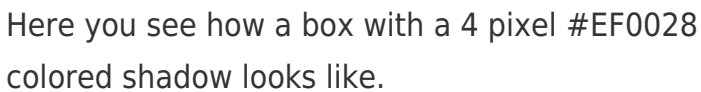
```
.border, #border, table{ border:4px solid  
#EF0028 }
```

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

```
.border{ border-color:#EF0028 }
```

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

Here you see how a box with a 4 pixel #EF0028 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 centered.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF0028; -webkit-box-shadow:4px 4px  
4px 4px #EF0028; box-shadow:4px 4px 4px  
4px #EF0028 }
```

Background

The CSS property to change the background color of an element to Hex EF0028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF0028 }
```

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

```
.background{ background-color:#EF0028 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor