

Converting Colors

Hex(EF1331)

Have a look what the booklet for
Hex(EF1331) contains.

| | |
|--|----|
| Hex(EF1331) | 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(EF1331)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EF1331 |
| RGB | 239, 19, 49 |
| RGB Percent | 94%, 7%, 19% |
| CMY | 0.0627, 0.9255, 0.8078 |
| CMYK | 0.00, 0.92, 0.79, 0.06 |
| HSL | 352°, 87%, 51% |
| HSV | 352°, 92%, 94% |
| XYZ | 36.3839, 19.0382, 4.6628 |
| YIQ | 88.2000, 121.4900, 55.9700 |

Conversions

Conversions Part 2

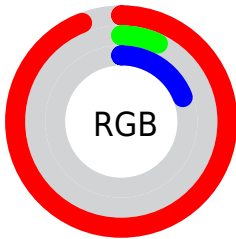
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 239, 19, 49 |
| Decimal | 15668017 |
| CIE _{Lab} | 50.73, 75.41, 45.08 |
| CIE _{LCh} | 51, 87.856, 30.873 |
| Yxy | 19.0382, 0.6055, 0.3169 |
| Android (android.graphics.Color) | 4293858097 (0xFFEF1331) |
| YUV | 88.2000, -19.3256, 132.2516 |
| Hunter-Lab | 43.6328, 72.4874, 24.2069 |

Details

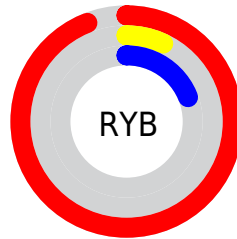
The Hex color **EF1331** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **13EFD1**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF6260**, and **AD0005** is the 20% darker color. If you saturate the color by 10%, you get **EF0021**, and if you desaturate by 10%, it is **EF2B46**.

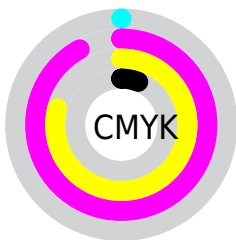
Distribution



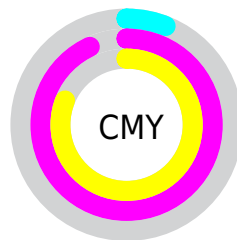
- Red (94%)
- Green (7%)
- Blue (19%)



- Red (94%)
- Yellow (7%)
- Blue (19%)



- Cyan (0%)
- Magenta (92%)
- Yellow (79%)
- Black (6%)



- Cyan (6%)
- Magenta (93%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color EF1331 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 EF1331 by changing the saturation by 10% instead.

 EF1331

 EF1331

FFFFFF

 CE001B

 FF6260

 AD0005

 FF8179

 8D0000

 FF9F93

 6D0001

 FFBDAE

 4F0004

 FFD9C9

 2F0002

 FFF9E6

 000000

 EF1331

 EF1331

 EF0021

 EF2B46

 EF435A

 EF5B6F

 EF7384

 EF8A98

 EFA2AD

 EFBAC1

 EFD2D6

 EFEAEB

Harmonies

Analogous

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



F5007A



EF1331



CA5500

Triad

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



EF1331



009326



0083FF

Complementary

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



EF1331



13EFD1

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.



0092FD



EF1331



009779

Square

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



EF1331



428A00



0097C5



6B63FC

Rectangle

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



EF1331



A66E00



0097C5



008AFF

Sweetspot

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



EF1331



FFB8C1



CE13EF



80545A



000000



808080

Same Dimension

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



EF1331



FF0023



EF6013



786C6D



B80019



380008

Inverse Universe

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



EF1331



FF0023



13A2EF



786C6D



B80019



380008

Previews

White Background



This preview shows how the Hex color EF1331 looks on a white background.

Color Contrast Check

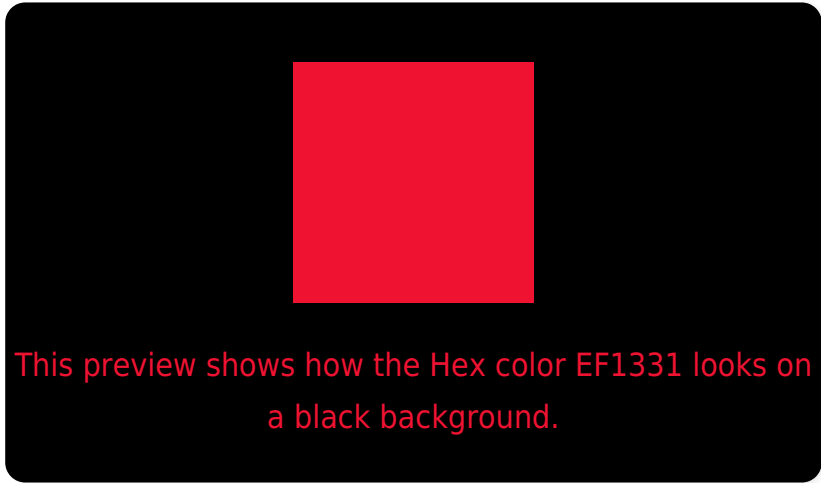
Large Text (above 18pt) WCAG AA ✓ Pass

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 EF1331 Background



This preview shows how black text looks on a background with the Hex color EF1331.



This preview shows how white text looks on a background with the Hex color EF1331.

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
EF1331

Protanopia
857A4B

Deuteranopia
997420



Tritanopia
EF1A13

Trichromacy



Original Color
EF1331



Protanomaly
AC5542



Deuteranomaly
B85126



Tritanomaly
EF171E

Monochromacy



Original Color
EF1331



Achromatopsia
585858



Achromatomaly
8F3F4A

CSS Examples

Text

The CSS property to change the color of the text to Hex EF1331 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 #EF1331 looks like.

```
.text, #text, p{  
    color:#EF1331  
}
```

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 #EF1331 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF1331
}
```

Border

The CSS property to change the border of an element to Hex EF1331 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".

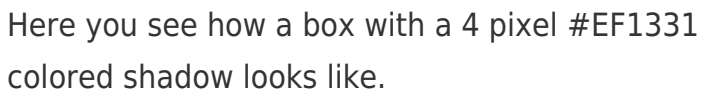
```
.border, #border, table{ border:4px solid
#EF1331 }
```

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

```
.border{ border-color:#EF1331 }
```

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

Here you see how a box with a 4 pixel #EF1331 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 reads: "Here you see how a box with a 4 pixel #EF1331 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF1331; -webkit-box-shadow:4px 4px  
4px 4px #EF1331; box-shadow:4px 4px 4px  
4px #EF1331 }
```

Background

The CSS property to change the background color of an element to Hex EF1331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF1331 }
```

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

```
.background{ background-color:#EF1331 }
```

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