

# Converting Colors

Hex(EF1E49)

Have a look what the booklet for  
Hex(EF1E49) contains.

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# Color

**Hex(EF1E49)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EF1E49
RGB	239, 30, 73
RGB Percent	94%, 12%, 29%
CMY	0.0627, 0.8824, 0.7137
CMYK	0.00, 0.87, 0.69, 0.06
HSL	348°, 87%, 53%
HSV	348°, 87%, 94%
XYZ	37.2635, 19.7603, 8.1534
YIQ	97.3930, 110.7610, 57.6810

# Conversions

## Conversions Part 2

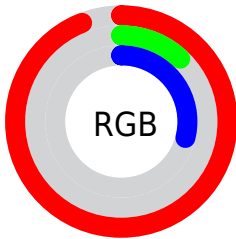
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	239, 30, 73
Decimal	15670857
CIE <sub>Lab</sub>	51.57, 74.72, 32.19
CIE <sub>LCh</sub>	52, 81.358, 23.309
Yxy	19.7603, 0.5717, 0.3032
Android (android.graphics.Color)	4293860937 (0xFFEF1E49)
YUV	97.3930, -12.0257, 124.1893
Hunter-Lab	44.4526, 71.8401, 20.2419

# Details

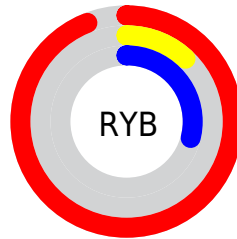
The Hex color **EF1E49** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **1EEFC4**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF6779**, and **AE001E** is the 20% darker color. If you saturate the color by 10%, you get **EF0636**, and if you desaturate by 10%, it is **EF365C**.

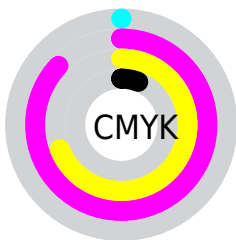
# Distribution



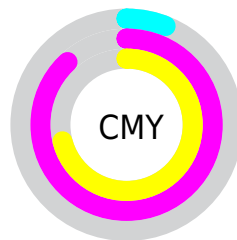
- Red (94%)
- Green (12%)
- Blue (29%)



- Red (94%)
- Yellow (12%)
- Blue (29%)



- Cyan (0%)
- Magenta (87%)
- Yellow (69%)
- Black (6%)



- Cyan (6%)
- Magenta (88%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EF1E49 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 EF1E49 by changing the saturation by 10% instead.



 EF1E49

 EF1E49

FFFFFF

 CF0033

 FF6779

 AE001E

 FF8593

 8E0008

 FFA3AE

 6F0001

 FFC1C9

 500004

 FFDFE5

 310002

FFDFDF

 000000

 EF1E49

 EF1E49

 EF0636

 EF365C

 EF0031

 EF4E6F

 EF6682

 EF7E95

 EF95A8

 EFADBB

 EFC5CE

 EFDDE1

 EFF5F4

# Harmonies

## Analogous

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



EB098E



EF1E49



D35100

# Triad

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



EF1E49



009219



0089FF

# Complementary

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



EF1E49



1EEFC4

# 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.



0095EB



EF1E49



009769

# Square

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



EF1E49



618700



0098B0



4370FD

# Rectangle

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



EF1E49



B56900



0098B0



008EFF



# Sweetspot

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



EF1E49



FFBDCA



C21EEF



805860



000000



808080



# Same Dimension

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



EF1E49



FF0034



EF591E



786C6E



B80026



38000C



# Inverse Universe

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



EF1E49



FF0034



1EB4EF



786C6E



B80026



38000C



# Previews

## White Background



This preview shows how the Hex color EF1E49 looks on a white background.

## Color Contrast Check

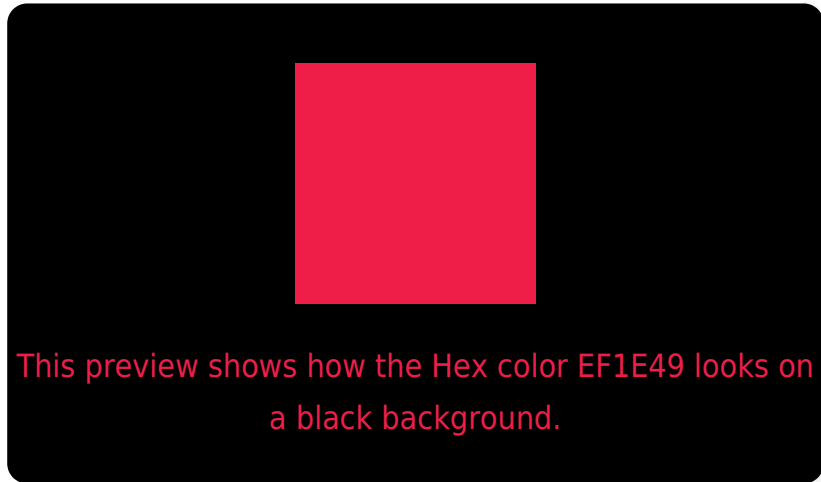
Large Text (above 18pt) WCAG AA ✓ Pass

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 EF1E49 Background



This preview shows how black text looks on a background with the Hex color EF1E49.



This preview shows how white text looks on a background with the Hex color EF1E49.

# 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



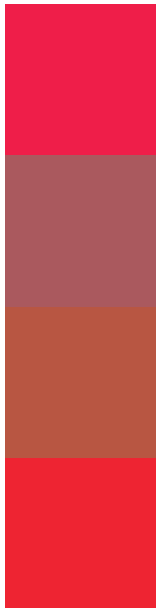
**Original Color**  
EF1E49

**Protanopia**  
827B6A

**Deuteranopia**  
98763E



# Trichromacy



**Original Color**  
EF1E49

**Protanomaly**  
AA595E

**Deuteranomaly**  
B85642

**Tritanomaly**  
EE2432

# Monochromacy



**Original Color**  
EF1E49

**Achromatopsia**  
616161

**Achromatomaly**  
954958

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EF1E49 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 #EF1E49 looks like.

```
.text, #text, p{  
    color:#EF1E49  
}
```

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 #EF1E49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF1E49
}
```

## Border

The CSS property to change the border of an element to Hex EF1E49 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
#EF1E49 }
```

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

```
.border{ border-color:#EF1E49 }
```

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

Here you see how a box with a 4 pixel #EF1E49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF1E49; -webkit-box-shadow:4px 4px  
4px 4px #EF1E49; box-shadow:4px 4px 4px  
4px #EF1E49 }
```

# Background

The CSS property to change the background color of an element to Hex EF1E49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF1E49 }
```

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

```
.background{ background-color:#EF1E49 }
```

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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