

# Converting Colors

Hex(EF1020)

Have a look what the booklet for  
Hex(EF1020) contains.

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**Color**

**Hex(EF1020)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EF1020
RGB	239, 16, 32
RGB Percent	94%, 6%, 13%
CMY	0.0627, 0.9373, 0.8745
CMYK	0.00, 0.93, 0.87, 0.06
HSL	356°, 87%, 50%
HSV	356°, 93%, 94%
XYZ	36.0426, 18.8256, 3.1005
YIQ	84.5010, 127.7720, 52.2520

# Conversions

## Conversions Part 2

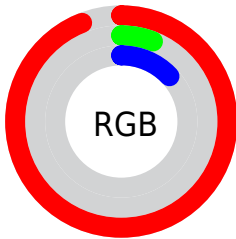
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	239, 16, 32
Decimal	15667232
CIE <sub>Lab</sub>	50.48, 75.34, 53.55
CIE <sub>LCh</sub>	50, 92.436, 35.404
Yxy	18.8256, 0.6218, 0.3248
Android (android.graphics.Color)	4293857312 (0xFFEF1020)
YUV	84.5010, -25.8830, 135.4956
Hunter-Lab	43.3885, 72.3493, 26.1351

# Details

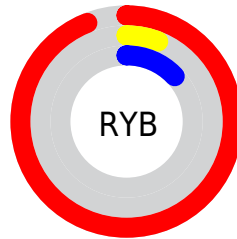
The Hex color **EF1020** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **10EFDf**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF614F**, and **AD0000** is the 20% darker color. If you saturate the color by 10%, you get **EF0011**, and if you desaturate by 10%, it is **EF2836**.

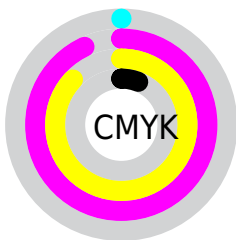
# Distribution



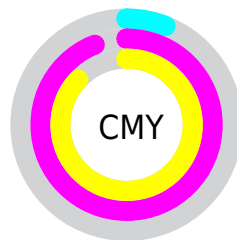
- Red (94%)
- Green (6%)
- Blue (13%)



- Red (94%)
- Yellow (6%)
- Blue (13%)



- Cyan (0%)
- Magenta (93%)
- Yellow (87%)
- Black (6%)



- Cyan (6%)
- Magenta (94%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EF1020 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 EF1020 by changing the saturation by 10% instead.



 EF1020

 EF1020

FFFFFF

 CE0008

 FF614F

 AD0000

 FF8068

 8C0000

 FF9D82

 6C0001

 FFBB9C

 4E0004

 FFD9B8

 2E0002

 FFF8D4

 000000

 FFFFF0

 EF1020

 EF1020

 EF0011

 EF2836

 EF404C

 EF5863

 EF7079

 EF878F

 EF9FA5

 EFB7BB

 EFCFD1

 EFE7E8

# Harmonies

## Analogous

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



FB006E



EF1020



C55900

# Triad

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



EF1020



00942F



007FFF

# Complementary

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



EF1020



10EFDf

# 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



EF1020



009785

# Square

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



EF1020



258C00



0097D3



805AFB

# Rectangle

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



EF1020



9D7100



0097D3



0087FF



# Sweetspot

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



EF1020



FFB8BD



DC10EF



805457



000000



808080



# Same Dimension

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



EF1020



FF0012



EF6D10



786C6D



B8000D



380004



# Inverse Universe

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



EF1020



FF0012



1092EF



786C6D



B8000D



380004



# Previews

## White Background



This preview shows how the Hex color EF1020 looks on a white background.

## Color Contrast Check

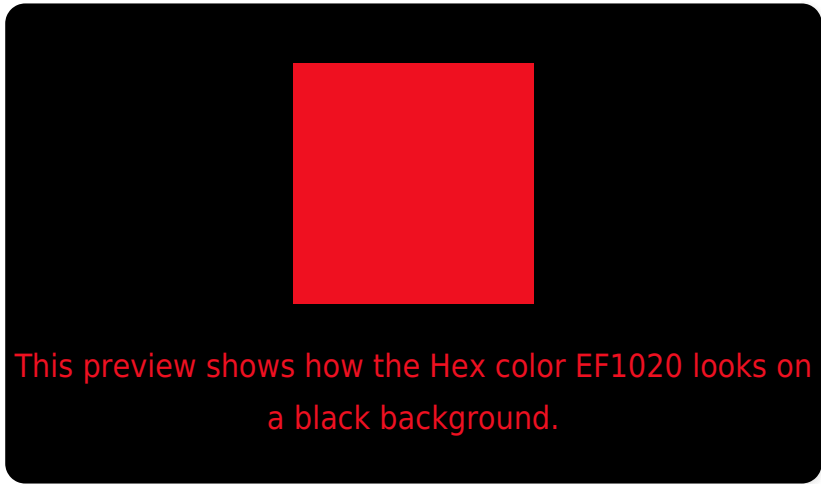
Large Text (above 18pt) WCAG AA ✓ Pass

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 EF1020 Background



This preview shows how black text looks on a background with the Hex color EF1020.



This preview shows how white text looks on a background with the Hex color EF1020.

# 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**  
EF1020

**Protanopia**  
877936

**Deuteranopia**  
997300



**Tritanopia**  
EF1500

# Trichromacy



**Original Color**  
EF1020

**Protanomaly**  
AD532E

**Deuteranomaly**  
B84F0C

**Tritanomaly**  
EF130C

# Monochromacy



**Original Color**  
EF1020

**Achromatopsia**  
555555

**Achromatomaly**  
8D3C42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EF1020 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 #EF1020 looks like.

```
.text, #text, p{  
    color:#EF1020  
}
```

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 #EF1020 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF1020
}
```

## Border

The CSS property to change the border of an element to Hex EF1020 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".

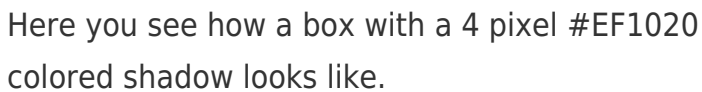
```
.border, #border, table{ border:4px solid
#EF1020 }
```

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

```
.border{ border-color:#EF1020 }
```

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

Here you see how a box with a 4 pixel #EF1020 colored shadow looks like.

A rectangular box with a red border and a red shadow. The box is white with a red border and a red shadow. The shadow is a thick red line that follows the bottom and right edges of the box, creating a 3D effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF1020; -webkit-box-shadow:4px 4px  
4px 4px #EF1020; box-shadow:4px 4px 4px  
4px #EF1020 }
```

# Background

The CSS property to change the background color of an element to Hex EF1020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF1020 }
```

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

```
.background{ background-color:#EF1020 }
```

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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