

Converting Colors

Hex(EF1013)

Have a look what the booklet for
Hex(EF1013) contains.

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Color

Hex(EF1013)

Conversions

Conversions Part 1

Format	Color
Hex	EF1013
RGB	239, 16, 19
RGB Percent	94%, 6%, 7%
CMY	0.0627, 0.9373, 0.9255
CMYK	0.00, 0.93, 0.92, 0.06
HSL	359°, 87%, 50%
HSV	359°, 93%, 94%
XYZ	35.8994, 18.7683, 2.3466
YIQ	83.0190, 131.9450, 48.2090

Conversions

Conversions Part 2

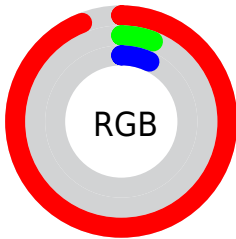
Format	Color
R_{YB}	239, 16, 19
Decimal	15667219
CIE _{Lab}	50.42, 75.15, 58.85
CIE _{LCh}	50, 95.455, 38.063
Yxy	18.7683, 0.6297, 0.3292
Android (android.graphics.Color)	4293857299 (0xFFEF1013)
YUV	83.0190, -31.5614, 136.7953
Hunter-Lab	43.3224, 72.1011, 27.1142

Details

The Hex color **EF1013** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark washed red. A complement of this color would be **10EFEC**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF6145**, and **AC0000** is the 20% darker color. If you saturate the color by 10%, you get **EF0003**, and if you desaturate by 10%, it is **EF282B**.

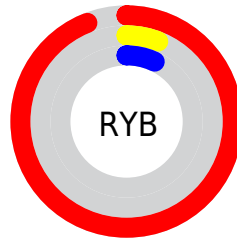
Distribution



Red (94%)

Green (6%)

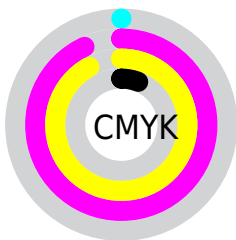
Blue (7%)



Red (94%)

Yellow (6%)

Blue (7%)

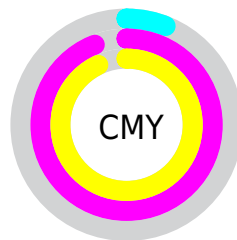


Cyan (0%)

Magenta (93%)

Yellow (92%)

Black (6%)



Cyan (6%)

Magenta (94%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color EF1013 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 EF1013 by changing the saturation by 10% instead.

 EF1013

 EF1013

FFFFFF

 CE0000

 FF6145

 AC0000

 FF7F5E

 8C0000

 FF9D77

 6B0001

 FFBB92

 4E0004

 FFD9AD

 2D0002

 FFF7C8

 000000

 FFFF E5

 EF1013

 EF1013

 EF0003

 EF282B

 EF4042

 EF585A

 EF7071

 EF8789

 EF9FA0

 EFB7B8

 EFCFD0

 EFE7E7

Harmonies

Analogous

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



FF0066



EF1013



C15C00

Triad

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



EF1013



009435



007DFF

Complementary

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



EF1013



10EFEC

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



EF1013



00988D

Square

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



EF1013



008D00



0098DC



8C54FB

Rectangle

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



EF1013



977400



0098DC



0086FF

Sweetspot

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



EF1013



FFB8B9



EB10EF



805455



000000



808080

Same Dimension

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



EF1013



FF0003



EF7C10



786C6C



B80002



380001

Inverse Universe

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



EF1013



FF0003



1083EF



786C6C



B80002



380001

Previews

White Background



This preview shows how the Hex color EF1013 looks on a white background.

Color Contrast Check

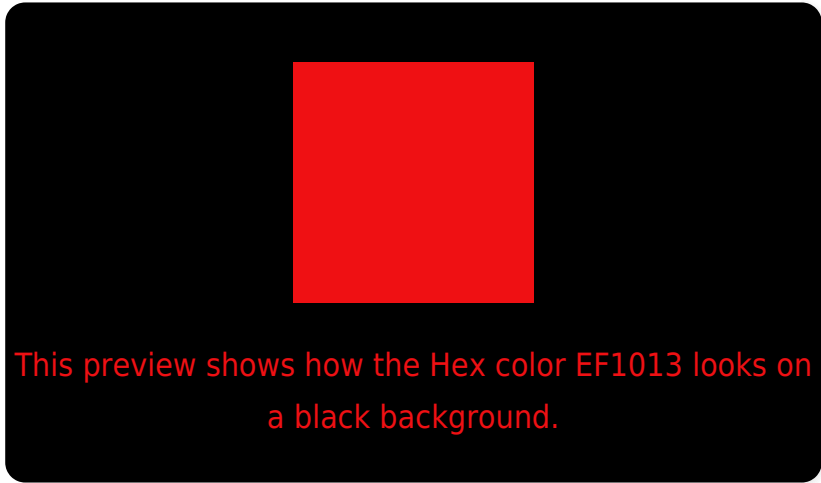
Large Text (above 18pt) WCAG AA ✓ Pass

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 EF1013 Background



This preview shows how black text looks on a background with the Hex color EF1013.



This preview shows how white text looks on a background with the Hex color EF1013.

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
EF1013

Protanopia
887928

Deuteranopia
997300



Tritanopia
EE1500

Trichromacy



Original Color
EF1013

Protanomaly
AD5320

Deuteranomaly
B84F07

Tritanomaly
EE1307

Monochromacy



Original Color
EF1013

Achromatopsia
535353

Achromatomaly
8C3B3C

CSS Examples

Text

The CSS property to change the color of the text to Hex EF1013 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 #EF1013 looks like.

```
.text, #text, p{  
    color:#EF1013  
}
```

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 #EF1013 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF1013
}
```

Border

The CSS property to change the border of an element to Hex EF1013 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
#EF1013 }
```

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

```
.border{ border-color:#EF1013 }
```

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

Here you see how a box with a 4 pixel #EF1013 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF1013; -webkit-box-shadow:4px 4px  
4px 4px #EF1013; box-shadow:4px 4px 4px  
4px #EF1013 }
```

Background

The CSS property to change the background color of an element to Hex EF1013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF1013 }
```

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

```
.background{ background-color:#EF1013 }
```

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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