

Converting Colors

Hex(F10E16)

Have a look what the booklet for
Hex(F10E16) contains.

| | |
|--|----|
| Hex(F10E16) | 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(F10E16)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F10E16 |
| RGB | 241, 14, 22 |
| RGB Percent | 95%, 5%, 9% |
| CMY | 0.0549, 0.9451, 0.9137 |
| CMYK | 0.00, 0.94, 0.91, 0.05 |
| HSL | 358°, 89%, 50% |
| HSV | 358°, 94%, 95% |
| XYZ | 36.5775, 19.0728, 2.5126 |
| YIQ | 82.7850, 132.7240, 50.6120 |

Conversions

Conversions Part 2

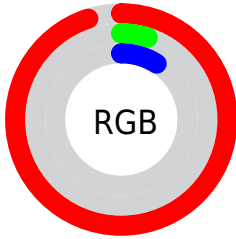
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 241, 14, 22 |
| Decimal | 15797782 |
| CIE _{Lab} | 50.77, 75.88, 58.18 |
| CIE _{LCh} | 51, 95.617, 37.482 |
| Yxy | 19.0728, 0.6289, 0.3279 |
| Android (android.graphics.Color) | 4293987862 (0xFFFF10E16) |
| YUV | 82.7850, -29.9670, 138.7546 |
| Hunter-Lab | 43.6724, 73.0747, 27.1595 |

Details

The Hex color **F10E16** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark saturated red. A complement of this color would be **0EF1E9**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF6147**, and **AE0000** is the 20% darker color. If you saturate the color by 10%, you get **F10008**, and if you desaturate by 10%, it is **F1262D**.

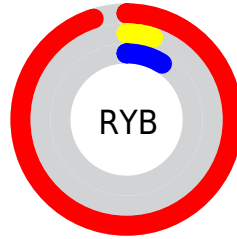
Distribution



Red (95%)

Green (5%)

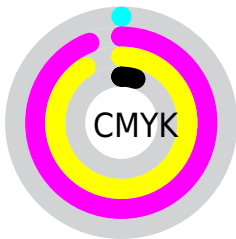
Blue (9%)



Red (95%)

Yellow (5%)

Blue (9%)

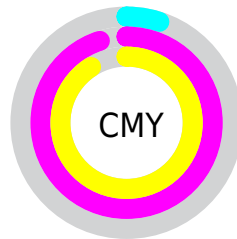


Cyan (0%)

Magenta (94%)

Yellow (91%)

Black (5%)



Cyan (5%)

Magenta (95%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color F10E16 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 F10E16 by changing the saturation by 10% instead.

 F10E16

 F10E16

FFFFFF

 D00000

 FF6147

 AE0000

 FF7F60

 8D0000

 FF9D7A

 6D0002


 FFBB94

 4F0004

 FFD9AF

 2F0002

 FFF8CB

 000000

 FFFFE7

 F10E16

 F10E16

 F10008

 F1262D

 F13E45

 F1565C

 F16E73

 F1868A

 F19FA2

 F1B7B9

 F1CFD0

 F1E7E7

Harmonies

Analogous

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



FF0069



F10E16



C35C00

Triad

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



F10E16



009534



007FFF

Complementary

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



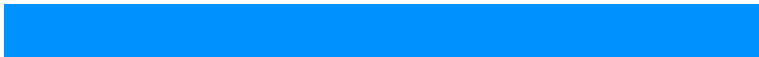
F10E16



0EF1E9

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.



0092FF



F10E16



00998C

Square

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



F10E16



048E00



0099DC



8A56FD

Rectangle

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



F10E16



997400



0099DC



0087FF

Sweetspot

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



F10E16



FFB8BA



E60EF1



805456



000000



808080

Same Dimension

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



F10E16



FF0009



F1740E



786C6C



B80006



380002

Inverse Universe

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



F10E16



FF0009



0E8BF1



786C6C



B80006



380002

Previews

White Background



This preview shows how the Hex color F10E16 looks on a white background.

Color Contrast Check

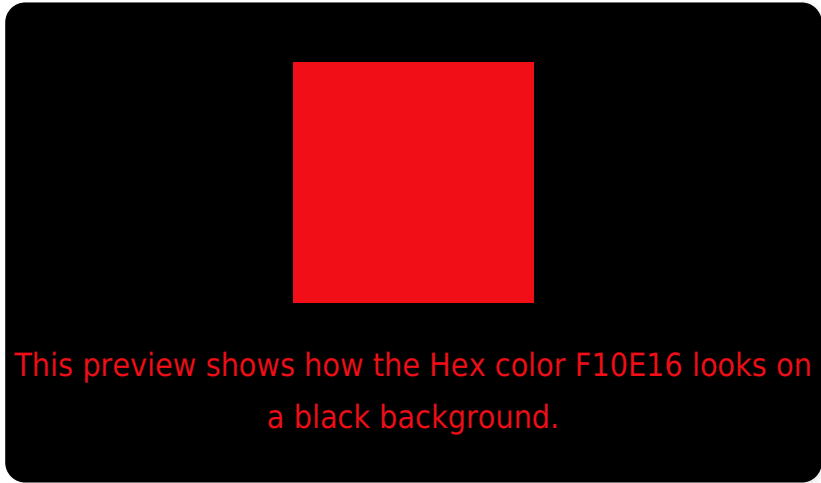
Large Text (above 18pt) WCAG AA ✓ Pass

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 F10E16 Background



This preview shows how black text looks on a background with the Hex color F10E16.



This preview shows how white text looks on a background with the Hex color F10E16.

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
F10E16

Protanopia
887A2B

Deuteranopia
9A7400



Tritanopia
F01600

Trichromacy



Original Color
F10E16

Protanomaly
AE5323

Deuteranomaly
BA4F08

Tritanomaly
F01308

Monochromacy



Original Color
F10E16

Achromatopsia
535353

Achromatomaly
8C3A3D

CSS Examples

Text

The CSS property to change the color of the text to Hex F10E16 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 #F10E16 looks like.

```
.text, #text, p{  
    color:#F10E16  
}
```

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 #F10E16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F10E16  
}
```

Border

The CSS property to change the border of an element to Hex F10E16 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".

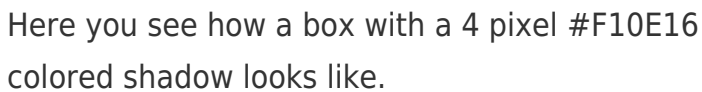
```
.border, #border, table{ border:4px solid  
#F10E16 }
```

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

```
.border{ border-color:#F10E16 }
```

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

Here you see how a box with a 4 pixel #F10E16 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F10E16; -webkit-box-shadow:4px 4px  
4px 4px #F10E16; box-shadow:4px 4px 4px  
4px #F10E16 }
```

Background

The CSS property to change the background color of an element to Hex F10E16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F10E16 }
```

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

```
.background{ background-color:#F10E16 }
```

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