

Converting Colors

Hex(F17D0E)

Have a look what the booklet for
Hex(F17D0E) contains.

Hex(F17D0E)	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(F17D0E)

Conversions

Conversions Part 1

Format	Color
Hex	F17D0E
RGB	241, 125, 14
RGB Percent	95%, 49%, 5%
CMY	0.0549, 0.5098, 0.9451
CMYK	0.00, 0.48, 0.94, 0.05
HSL	29°, 89%, 50%
HSV	29°, 94%, 95%
XYZ	43.6885, 33.3997, 4.5596
YIQ	147.0300, 104.7670, -9.9290

Conversions

Conversions Part 2

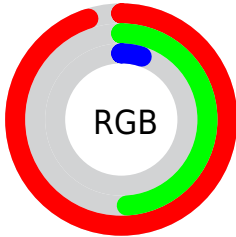
Format	Color
R _Y B	241, 231, 14
Decimal	15826190
CIE Lab	64.48, 38.96, 69.31
CIE LCh	64, 79.513, 60.657
Yxy	33.3997, 0.5351, 0.4091
Android (android.graphics.Color)	4294016270 (0xFFFF17D0E)
YUV	147.0300, -65.5838, 82.4117
Hunter-Lab	57.7925, 33.8011, 35.7770

Details

The Hex color **F17D0E** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark saturated orange. A complement of this color would be **0E82F1**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFB34D**, and **B24A00** is the 20% darker color. If you saturate the color by 10%, you get **F17600**, and if you desaturate by 10%, it is **F18926**.

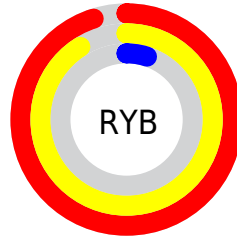
Distribution



Red (95%)

Green (49%)

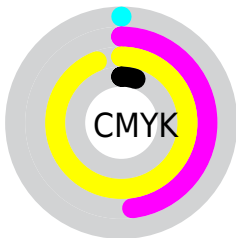
Blue (5%)



Red (95%)

Yellow (91%)

Blue (5%)

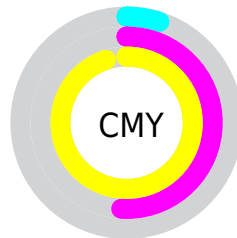


Cyan (0%)

Magenta (48%)

Yellow (94%)

Black (5%)



Cyan (5%)

Magenta (51%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color F17D0E 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 F17D0E by changing the saturation by 10% instead.

 F17D0E

 F17D0E

FFFFFF

 D16300

 FF34D

 B24A00

 FFCF68

 923100

 FFEC83

 741600

 FFFF9F

 560000

 FFFFBB

 3B0000

 FFFFD7

 1D0001

 FFFFF4

 000000

 F17D0E

 F17D0E

 F17600

 F18926

 F1963E

 F1A256

 F1AE6E

 F1BB86

 F1C79F

 F1D3B7

 F1E0CF

 F1ECE7

Harmonies

Analogous

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



FF5B58



F17D0E



BA9A00

Triad

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



F17D0E



00BC9C



9989FF

Complementary

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



F17D0E



0E82F1

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.



00A5FF



F17D0E



00BCE3

Square

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



F17D0E



00B752



00B5FF



F164E3

Rectangle

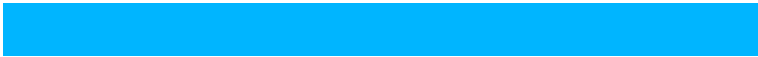
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F17D0E



8DA800



00B5FF



6493FF

Sweetspot

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



F17D0E



FFDBB8



F10E83



806954



000000



808080

Same Dimension

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



F17D0E



FF7D00



F1ED0E



78726C



B85A00



381B00

Inverse Universe

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



0E82F1



0082FF



0E12F1



6C7278



005EB8



001D38

Previews

White Background



This preview shows how the Hex color F17D0E looks on a white background.

Color Contrast Check

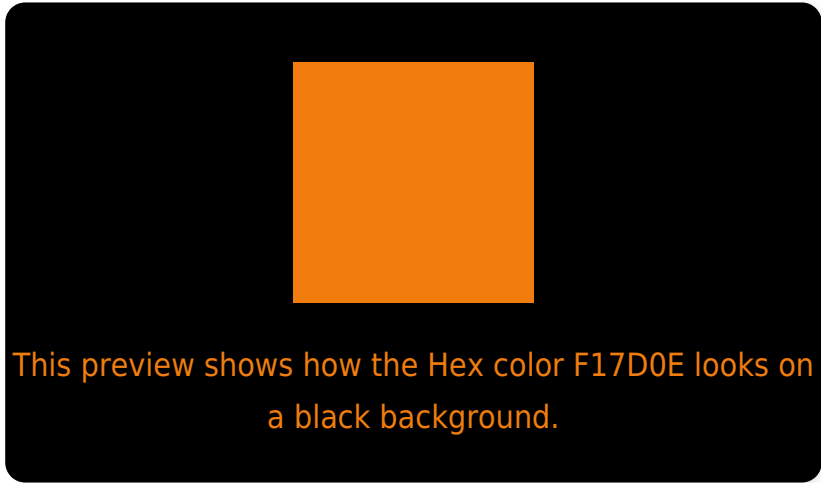
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex F17D0E Background



This preview shows how black text looks on a background with the Hex color F17D0E.



This preview shows how white text looks on a background with the Hex color F17D0E.

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
F17D0E

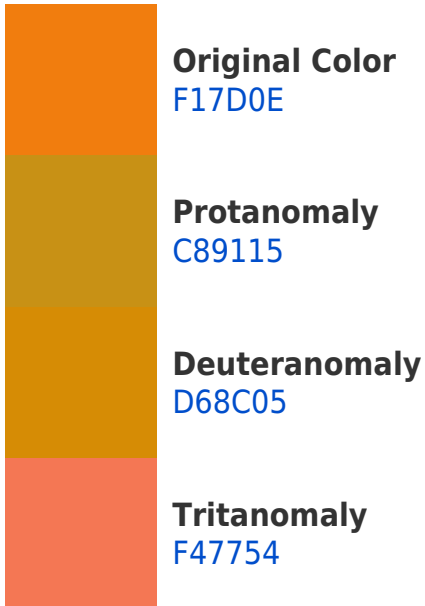
Protanopia
B19D19

Deuteranopia
C69500

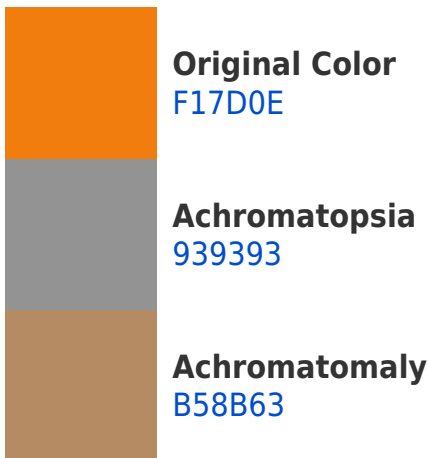


Tritanopia
F5747C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F17D0E 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 #F17D0E looks like.

```
.text, #text, p{  
    color:#F17D0E  
}
```

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 #F17D0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F17D0E
}
```

Border

The CSS property to change the border of an element to Hex F17D0E 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
#F17D0E }
```

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

```
.border{ border-color:#F17D0E }
```

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

Here you see how a box with a 4 pixel #F17D0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F17D0E; -webkit-box-shadow:4px 4px  
4px 4px #F17D0E; box-shadow:4px 4px 4px  
4px #F17D0E }
```

Background

The CSS property to change the background color of an element to Hex F17D0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F17D0E }
```

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

```
.background{ background-color:#F17D0E }
```

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