

Converting Colors

Hex(F77E02)

Have a look what the booklet for
Hex(F77E02) contains.

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Color

Hex(F77E02)

Conversions

Conversions Part 1

Format	Color
Hex	F77E02
RGB	247, 126, 2
RGB Percent	97%, 49%, 1%
CMY	0.0314, 0.5059, 0.9922
CMYK	0.00, 0.49, 0.99, 0.03
HSL	30°, 98%, 49%
HSV	30°, 99%, 97%
XYZ	45.8296, 34.7002, 4.3398
YIQ	148.0430, 111.9200, -12.9120

Conversions

Conversions Part 2

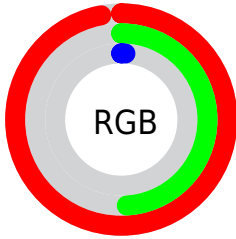
Format	Color
R _Y B	241, 247, 2
Decimal	16219650
CIE Lab	65.51, 40.72, 72.22
CIE LCh	66, 82.914, 60.585
Yxy	34.7002, 0.5400, 0.4089
Android (android.graphics.Color)	4294409730 (0xFFFF77E02)
YUV	148.0430, -71.9992, 86.7853
Hunter-Lab	58.9069, 35.7859, 36.8669

Details

The Hex color **F77E02** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark saturated orange. A complement of this color would be **027BF7**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFB449**, and **B74A00** is the 20% darker color. If you saturate the color by 10%, you get **F77D00**, and if you desaturate by 10%, it is **F78A1B**.

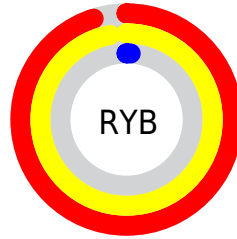
Distribution



Red (97%)

Green (49%)

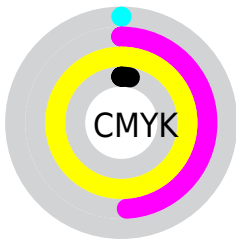
Blue (1%)



Red (95%)

Yellow (97%)

Blue (1%)

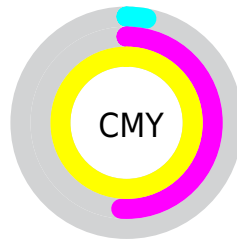


Cyan (0%)

Magenta (49%)

Yellow (99%)

Black (3%)



Cyan (3%)

Magenta (51%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color F77E02 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 F77E02 by changing the saturation by 10% instead.

 F77E02

 F77E02

FFFFFF

 D76400

 FFB449

 B74A00

 FFD064

 983100

 FFED7F

 791600

 FFFF9B

 5B0000

 FFFFB7

 3F0000

 FFFFD4

 230001

 FFFFF1

 000000

 F77E02

 F77E02

 F77D00

 F78A1B

 F79633

 F7A34C

 F7AF65

 F7BB7E

 F7C796

 F7D3AF

 F7E0C8

 F7ECE0

Harmonies

Analogous

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



FF5958



F77E02



BE9C00

Triad

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



F77E02



00C09E



9A8AFF

Complementary

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



F77E02



027BF7

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.



00A8FF



F77E02



00BFE9

Square

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



F77E02



00BB51



00B9FF



F863E9

Rectangle

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



F77E02



8FAB00



00B9FF



6196FF

Sweetspot

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



F77E02



FFD9B3



F7027C



806952



000000



808080

Same Dimension

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



F77E02



FF8100



F7F702



7A746E



BA5E00



3B1E00

Inverse Universe

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



027BF7



007EFF



0202F7



6E747A



005CBA



001D3B

Previews

White Background



This preview shows how the Hex color F77E02 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 F77E02 Background



This preview shows how black text looks on a background with the Hex color F77E02.



This preview shows how white text looks on a background with the Hex color F77E02.

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
F77E02

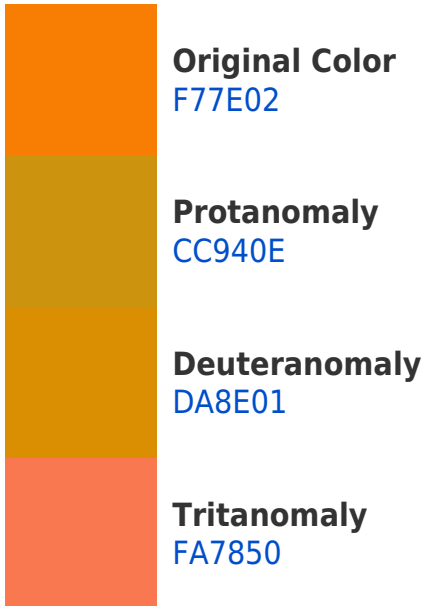
Protanopia
B4A015

Deuteranopia
CA9700



Tritanopia
FB757D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F77E02 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 #F77E02 looks like.

```
.text, #text, p{  
  color:#F77E02  
}
```

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 #F77E02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F77E02
}
```

Border

The CSS property to change the border of an element to Hex F77E02 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
#F77E02 }
```

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

```
.border{ border-color:#F77E02 }
```

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

Here you see how a box with a 4 pixel #F77E02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F77E02; -webkit-box-shadow:4px 4px  
4px 4px #F77E02; box-shadow:4px 4px 4px  
4px #F77E02 }
```

Background

The CSS property to change the background color of an element to Hex F77E02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F77E02 }
```

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

```
.background{ background-color:#F77E02 }
```

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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