

Converting Colors

Hex(F7630E)

Have a look what the booklet for
Hex(F7630E) contains.

Hex(F7630E)	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(F7630E)

Conversions

Conversions Part 1

Format	Color
Hex	F7630E
RGB	247, 99, 14
RGB Percent	97%, 39%, 5%
CMY	0.0314, 0.6118, 0.9451
CMYK	0.00, 0.60, 0.94, 0.03
HSL	22°, 94%, 51%
HSV	22°, 94%, 97%
XYZ	42.8989, 28.7295, 3.6998
YIQ	133.5620, 115.4930, 4.9410

Conversions

Conversions Part 2

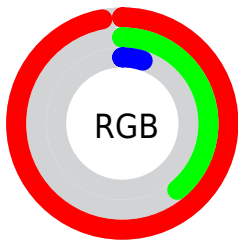
Format	Color
RYB	247, 148, 14
Decimal	16212750
CIELab	60.54, 53.61, 67.19
CIELCh	61, 85.958, 51.413
Yxy	28.7295, 0.5695, 0.3814
Android (android.graphics.Color)	4294402830 (0xFFFF7630E)
YUV	133.5620, -58.9441, 99.4851
Hunter-Lab	53.5999, 49.0631, 33.4274

Details

The Hex color **F7630E** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **0EA2F7**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF9A49**, and **B62B00** is the 20% darker color. If you saturate the color by 10%, you get **F75A00**, and if you desaturate by 10%, it is **F77327**.

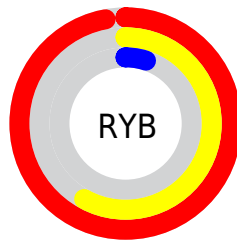
Distribution



Red (97%)

Green (39%)

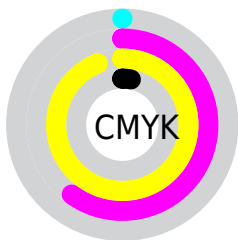
Blue (5%)



Red (97%)

Yellow (58%)

Blue (5%)

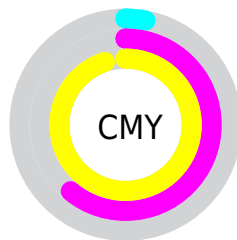


Cyan (0%)

Magenta (60%)

Yellow (94%)

Black (3%)



Cyan (3%)

Magenta (61%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color F7630E 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 F7630E by changing the saturation by 10% instead.

 F7630E

 F7630E

FFFFFF

 D64800

 FF9A49

 B62B00

 FFB664

 960000

 FFD37E

 770000

 FFF09A

 580000

 FFFFB5

 3D0002

 FFFFD2

 1A0001

 FFFFEF

 000000

 F7630E

 F7630E

 F75A00

 F77327

 F7823F

 F79258

 F7A271

 F7B18A

 F7C1A2

 F7D1BB

 F7E1D4

 F7F0EC

Harmonies

Analogous

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



FF3660



F7630E



C38700

Triad

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



F7630E



00B179



4D88FF

Complementary

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



F7630E



0EA2F7

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.



00A2FF



F7630E



00B3C8

Square

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



F7630E



00AB25



00AFFF



D55FF2

Rectangle

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



F7630E



969800



00AFFF



0092FF

Sweetspot

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



F7630E



FFD2B8



F70EA5



806454



000000



808080

Same Dimension

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



F7630E



FF5D00



F7D40E



7A736E



BA4400



3B1500

Inverse Universe

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



0EA2F7



00A2FF



0E31F7



6E767A



0076BA



00253B

Previews

White Background



This preview shows how the Hex color F7630E looks on a white background.

Color Contrast Check

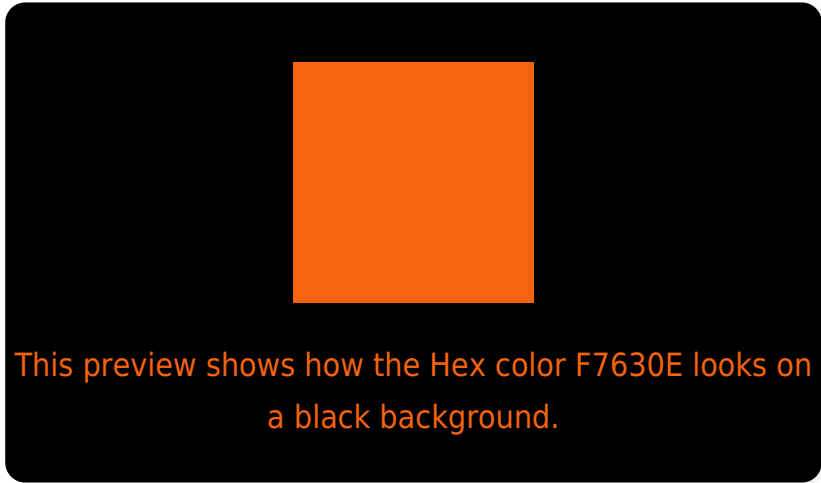
Large Text (above 18pt) WCAG AA ✓ Pass

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 F7630E Background



This preview shows how black text looks on a background with the Hex color F7630E.



This preview shows how white text looks on a background with the Hex color F7630E.

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
F7630E

Protanopia
A5931D

Deuteranopia
B98B00



Tritanopia
F95C62

Trichromacy



Original Color
F7630E

Protanomaly
C38218

Deuteranomaly
D07C05

Tritanomaly
F85F43

Monochromacy



Original Color
F7630E

Achromatopsia
868686

Achromatomaly
AF795A

CSS Examples

Text

The CSS property to change the color of the text to Hex F7630E 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 #F7630E looks like.

```
.text, #text, p{  
    color:#F7630E  
}
```

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 #F7630E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7630E
}
```

Border

The CSS property to change the border of an element to Hex F7630E 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
#F7630E }
```

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

```
.border{ border-color:#F7630E }
```

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

Here you see how a box with a 4 pixel #F7630E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7630E; -webkit-box-shadow:4px 4px  
4px 4px #F7630E; box-shadow:4px 4px 4px  
4px #F7630E }
```

Background

The CSS property to change the background color of an element to Hex F7630E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7630E }
```

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

```
.background{ background-color:#F7630E }
```

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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