

Converting Colors

Hex(F4630B)

Have a look what the booklet for
Hex(F4630B) contains.

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Color

Hex(F4630B)

Conversions

Conversions Part 1

Format	Color
Hex	F4630B
RGB	244, 99, 11
RGB Percent	96%, 39%, 4%
CMY	0.0431, 0.6118, 0.9569
CMYK	0.00, 0.59, 0.95, 0.04
HSL	23°, 91%, 50%
HSV	23°, 95%, 96%
XYZ	41.8305, 28.1809, 3.5514
YIQ	132.3230, 114.6680, 3.3720

Conversions

Conversions Part 2

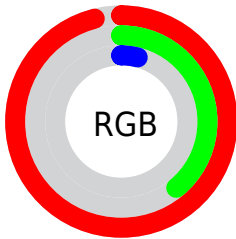
Format	Color
R_{YB}	244, 152, 11
Decimal	16016139
CIE Lab	60.05, 52.52, 67.22
CIE LCh	60, 85.304, 52.003
Yxy	28.1809, 0.5686, 0.3831
Android (android.graphics.Color)	4294206219 (0xFFFF4630B)
YUV	132.3230, -59.8122, 97.9407
Hunter-Lab	53.0857, 47.7544, 33.1936

Details

The Hex color **F4630B** 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 **0B9CF4**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF9A48**, and **B32B00** is the 20% darker color. If you saturate the color by 10%, you get **F45C00**, and if you desaturate by 10%, it is **F47223**.

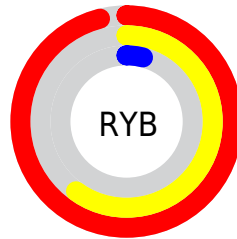
Distribution



Red (96%)

Green (39%)

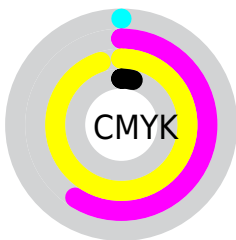
Blue (4%)



Red (96%)

Yellow (60%)

Blue (4%)

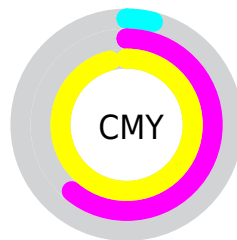


Cyan (0%)

Magenta (59%)

Yellow (95%)

Black (4%)



Cyan (4%)

Magenta (61%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color F4630B 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 F4630B by changing the saturation by 10% instead.

 F4630B

 F4630B

FFFFFF

 D34800

 FF9A48

 B32B00

 FFB662

 930300

 FFD27D

 740000

 FFF098

 560000

 FFFFB4

 3B0002

 FFFF00

 150000

 FFFFED

 000000

 F4630B

 F4630B

 F45C00

 F47223

 F4813C

 F49154

 F4A06D

 F4AF85

 F4BE9D

 F4CDB6

 F4DCCE

 F4ECE7

Harmonies

Analogous

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



FF375E



F4630B



C08700

Triad

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



F4630B



00B079



5286FF

Complementary

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



F4630B



0B9CF4

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.



00A0FF



F4630B



00B1C7

Square

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



F4630B



00AA27



00ADFF



D55DEF

Rectangle

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



F4630B



949700



00ADFF



0090FF

Sweetspot

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



F4630B



FFD1B5



F40B9F



806453



000000



808080

Same Dimension

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



F4630B



FF6000



F4D50B



7A736E



BA4600



3B1600

Inverse Universe

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



0B9CF4



009FFF



0B2AF4



6E767A



0074BA



00243B

Previews

White Background



This preview shows how the Hex color F4630B looks on a white background.

Color Contrast Check

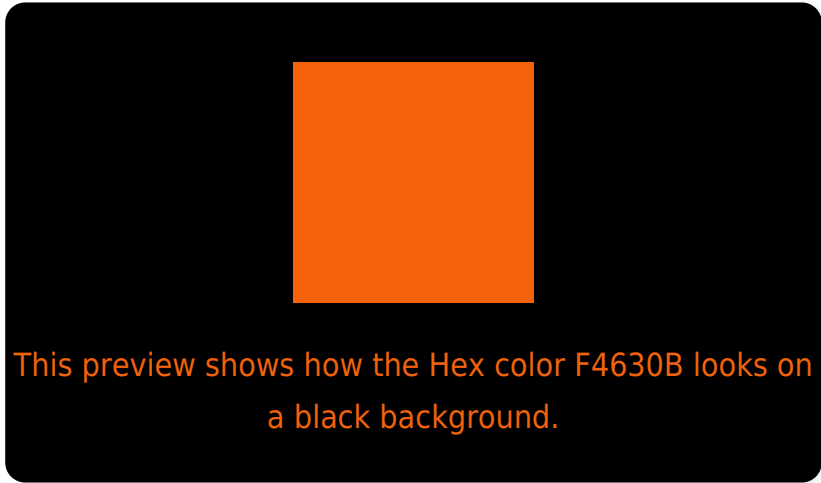
Large Text (above 18pt) WCAG AA ✓ Pass

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 F4630B Background



This preview shows how black text looks on a background with the Hex color F4630B.



This preview shows how white text looks on a background with the Hex color F4630B.

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
F4630B

Protanopia
A3921B

Deuteranopia
B78A00



Tritanopia
F65C62

Trichromacy



Original Color
F4630B

Protanomaly
C08115

Deuteranomaly
CD7C04

Tritanomaly
F55F42

Monochromacy



Original Color
F4630B

Achromatopsia
848484

Achromatomaly
AD7858

CSS Examples

Text

The CSS property to change the color of the text to Hex F4630B 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 #F4630B looks like.

```
.text, #text, p{  
    color:#F4630B  
}
```

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 #F4630B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4630B
}
```

Border

The CSS property to change the border of an element to Hex F4630B 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
#F4630B }
```

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

```
.border{ border-color:#F4630B }
```

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

Here you see how a box with a 4 pixel #F4630B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4630B; -webkit-box-shadow:4px 4px  
4px 4px #F4630B; box-shadow:4px 4px 4px  
4px #F4630B }
```

Background

The CSS property to change the background color of an element to Hex F4630B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4630B }
```

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

```
.background{ background-color:#F4630B }
```

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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