

Converting Colors

Hex(FF6C0A)

Have a look what the booklet for
Hex(FF6C0A) contains.

Hex(FF6C0A)	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(F66C0A)

Conversions

Conversions Part 1

Format	Color
Hex	FF6C0A
RGB	255, 108, 10
RGB Percent	100%, 42%, 4%
CMY	0.0000, 0.5765, 0.9608
CMYK	0.00, 0.58, 0.96, 0.00
HSL	24°, 100%, 52%
HSV	24°, 96%, 100%
XYZ	46.6573, 32.0070, 4.0060
YIQ	140.7810, 119.0700, 0.6860

Conversions

Conversions Part 2

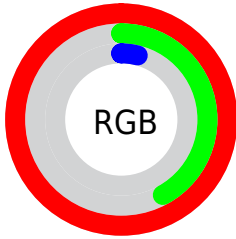
Format	Color
R _Y B	255, 173, 10
Decimal	16739338
CIE Lab	63.35, 52.40, 70.29
CIE LCh	63, 87.674, 53.293
Yxy	32.0070, 0.5644, 0.3872
Android (android.graphics.Color)	4294929418 (0xFFFF6C0A)
YUV	140.7810, -64.4750, 100.1701
Hunter-Lab	56.5748, 48.2036, 35.4040

Details

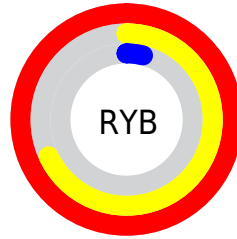
The Hex color **FF6C0A** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **0A9DFF**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFA349**, and **BE3500** is the 20% darker color. If you saturate the color by 10%, you get **FF6600**, and if you desaturate by 10%, it is **FF7B23**.

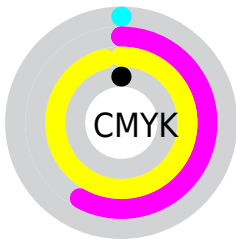
Distribution



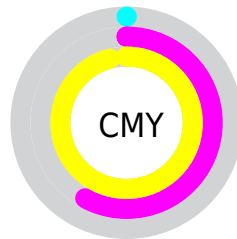
- Red (100%)
- Green (42%)
- Blue (4%)



- Red (100%)
- Yellow (68%)
- Blue (4%)



- Cyan (0%)
- Magenta (58%)
- Yellow (96%)
- Black (0%)



- Cyan (0%)
- Magenta (58%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF6C0A 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 FF6C0A by changing the saturation by 10% instead.

 FF6C0A

 FF6C0A

FFFFFF

 DE5100

 FFA349

 BE3500

 FFBF64

 9E1400

 FFDC7F

 7E0000

 FFF99B

 600000

 FFFFB7

 430001

 FFFFD3

 250001

 FFFFF0

 000000

 FF6C0A

 FF6C0A

■ FF6600

■ FF7B23

■ FF8B3D

■ FF9A57

■ FFA970

■ FFB98A

■ FFC8A3

■ FFD7BD

■ FFE6D6

■ FFF6F0

Harmonies

Analogous

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



FF4061



FF6C0A



C89000

Triad

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



FF6C0A



00BA85



648DFF

Complementary

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



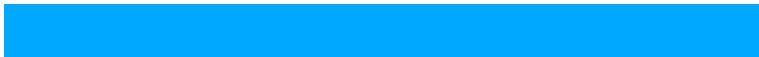
FF6C0A



0A9DFF

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.



00A9FF



FF6C0A



00BBD5

Square

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



FF6C0A



00B430



00B7FF



E462F8

Rectangle

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



FF6C0A



99A100



00B7FF



0098FF

Sweetspot

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



FF6C0A



FFD3B5



FF0A9D



806553



000000



808080

Same Dimension

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



FF6C0A



FF6600



FFE60A



807873



BF4C00



401900

Inverse Universe

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



0A9DFF



0099FF



0A22FF



737A80



0073BF



002640

Previews

White Background



This preview shows how the Hex color FF6C0A looks on a white background.

Color Contrast Check

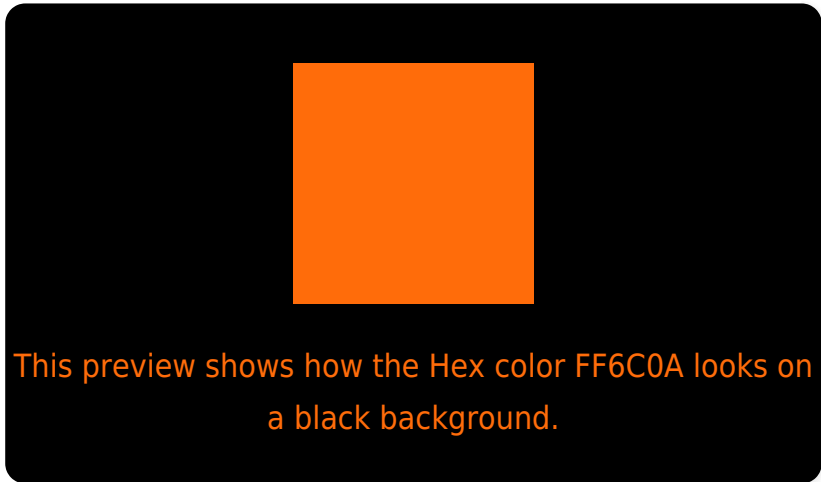
Large Text (above 18pt) WCAG AA × Fail

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 FF6C0A Background



This preview shows how black text looks on a background with the Hex color FF6C0A.

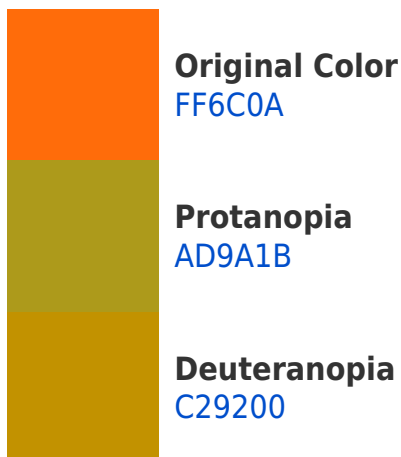


This preview shows how white text looks on a background with the Hex color FF6C0A.

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





Tritanopia
FF676D

Trichromacy



Original Color
FF6C0A

Protanomaly
CB8915

Deuteranomaly
D88404

Tritanomaly
FF6949

Monochromacy



Original Color
FF6C0A

Achromatopsia
8D8D8D

Achromatomaly
B6815D

CSS Examples

Text

The CSS property to change the color of the text to Hex FF6C0A 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 #FF6C0A looks like.

```
.text, #text, p{  
    color:#FF6C0A  
}
```

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 #FF6C0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6C0A
}
```

Border

The CSS property to change the border of an element to Hex FF6C0A 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
#FF6C0A }
```

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

```
.border{ border-color:#FF6C0A }
```

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

Here you see how a box with a 4 pixel #FF6C0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6C0A; -webkit-box-shadow:4px 4px  
4px 4px #FF6C0A; box-shadow:4px 4px 4px  
4px #FF6C0A }
```

Background

The CSS property to change the background color of an element to Hex FF6C0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6C0A }
```

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

```
.background{ background-color:#FF6C0A }
```

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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