

Converting Colors

Hex(FA6C00)

Have a look what the booklet for
Hex(FA6C00) contains.

Hex(FA6C00)	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(FA6C00)

Conversions

Conversions Part 1

Format	Color
Hex	FA6C00
RGB	250, 108, 0
RGB Percent	98%, 42%, 0%
CMY	0.0196, 0.5765, 1.0000
CMYK	0.00, 0.57, 1.00, 0.02
HSL	26°, 100%, 49%
HSV	26°, 100%, 98%
XYZ	44.7869, 31.0491, 3.6325
YIQ	138.1460, 119.3000, -3.4840

Conversions

Conversions Part 2

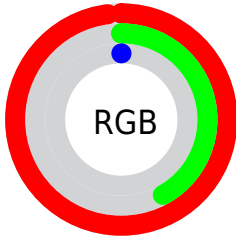
Format	Color
R _Y B	250, 190, 0
Decimal	16411648
CIE Lab	62.55, 50.51, 71.05
CIE LCh	63, 87.169, 54.590
Yxy	31.0491, 0.5636, 0.3907
Android (android.graphics.Color)	4294601728 (0xFFFA6C00)
YUV	138.1460, -68.1060, 98.0960
Hunter-Lab	55.7217, 45.9581, 35.1400

Details

The Hex color **FA6C00** 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 **008EFA**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFA345**, and **B93600** is the 20% darker color. If you saturate the color by 10%, you get **FA6C00**, and if you desaturate by 10%, it is **FA7A19**.

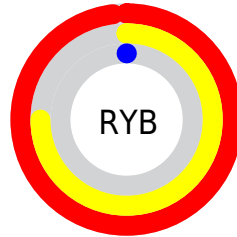
Distribution



Red (98%)

Green (42%)

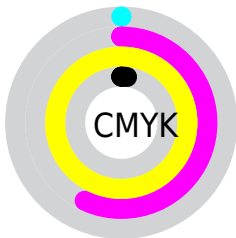
Blue (0%)



Red (98%)

Yellow (75%)

Blue (0%)

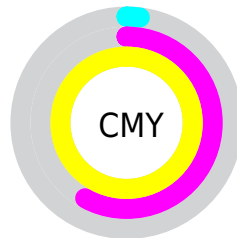


Cyan (0%)

Magenta (57%)

Yellow (100%)

Black (2%)



Cyan (2%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FA6C00 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 FA6C00 by changing the saturation by 10% instead.

 FA6C00

 FA6C00

FFFFFF

 D95100

 FFA345

 B93600

 FFBF60

 991700

 FFDB7B

 7A0000

 FFF997

 5C0000

 FFFFB2

 3F0001

 FFFFCE

 200001

 FFFFEC

 000000

 FA6C00

 FA7A19

 FA8832

 FA974B

 FAA564

 FAB37D

 FAC196

 FACFAF

 FADEC8

 FAECE1

Harmonies

Analogous

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



FF405C



FA6C00



C28F00

Triad

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



FA6C00



00B886



6C89FF

Complementary

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



FA6C00



008EFA

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



FA6C00



00B9D6

Square

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



FA6C00



00B233



00B4FF



E55EF2

Rectangle

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



FA6C00



94A000



00B4FF



0094FF

Sweetspot

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



FA6C00



FFD4B3



FA0092



806552



000000



808080

Same Dimension

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



FA6C00



FF6E00



FAE500



7D7670



BD5200



3D1A00

Inverse Universe

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



008EFA



0091FF



0015FA



70787D



006BBD



00233D

Previews

White Background



This preview shows how the Hex color FA6C00 looks on a white background.

Color Contrast Check

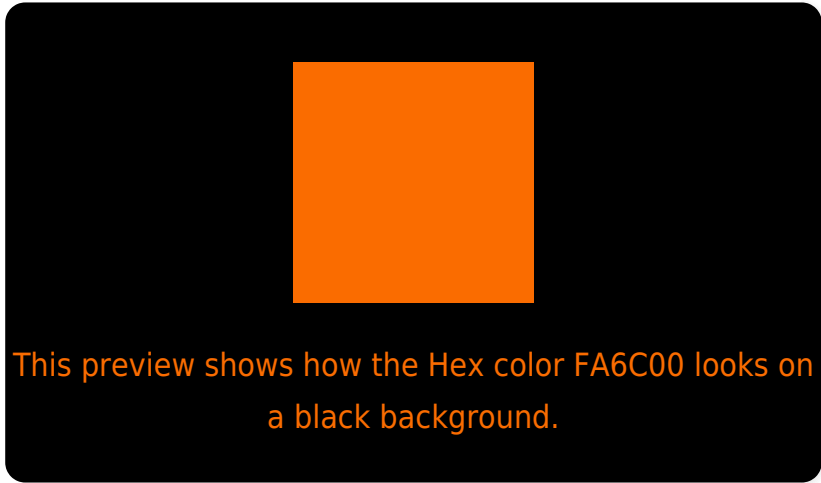
Large Text (above 18pt) WCAG AA × Fail

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 FA6C00 Background



This preview shows how black text looks on a background with the Hex color FA6C00.



This preview shows how white text looks on a background with the Hex color FA6C00.

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
FA6C00

Protanopia
AB9818

Deuteranopia
C09000



Tritanopia
FD646B

Trichromacy



Original Color
FA6C00

Protanomaly
C8880F

Deuteranomaly
D58300

Tritanomaly
FC6744

Monochromacy



Original Color
FA6C00

Achromatopsia
8A8A8A

Achromatomaly
B37F58

CSS Examples

Text

The CSS property to change the color of the text to Hex FA6C00 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 #FA6C00 looks like.

```
.text, #text, p{  
    color:#FA6C00  
}
```

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 #FA6C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA6C00  
}
```

Border

The CSS property to change the border of an element to Hex FA6C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

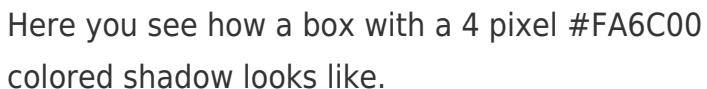
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#FA6C00 }
```

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

```
.border{ border-color:#FA6C00 }
```

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



Here you see how a box with a 4 pixel `#FA6C00` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA6C00; -webkit-box-shadow:4px 4px  
4px 4px #FA6C00; box-shadow:4px 4px 4px  
4px #FA6C00 }
```

Background

The CSS property to change the background color of an element to Hex FA6C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA6C00 }
```

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

```
.background{ background-color:#FA6C00 }
```

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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