

Converting Colors

Hex(FF6A05)

Have a look what the booklet for
Hex(FF6A05) contains.

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Color

Hex(F6A05)

Conversions

Conversions Part 1

Format	Color
Hex	FF6A05
RGB	255, 106, 5
RGB Percent	100%, 42%, 2%
CMY	0.0000, 0.5843, 0.9804
CMYK	0.00, 0.58, 0.98, 0.00
HSL	24°, 100%, 51%
HSV	24°, 98%, 100%
XYZ	46.4214, 31.5790, 3.7923
YIQ	139.0370, 121.2250, 0.1770

Conversions

Conversions Part 2

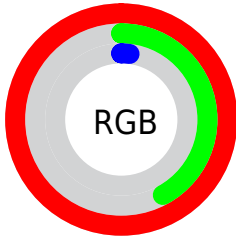
Format	Color
RYB	255, 174, 5
Decimal	16738821
CIELab	62.99, 53.27, 70.88
CIELCh	63, 88.667, 53.074
Yxy	31.5790, 0.5675, 0.3861
Android (android.graphics.Color)	4294928901 (0xFFFF6A05)
YUV	139.0370, -66.0802, 101.6996
Hunter-Lab	56.1952, 49.1126, 35.3355

Details

The Hex color **FF6A05** 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 **059AFF**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFA147**, and **BE3300** is the 20% darker color. If you saturate the color by 10%, you get **FF6700**, and if you desaturate by 10%, it is **FF791F**.

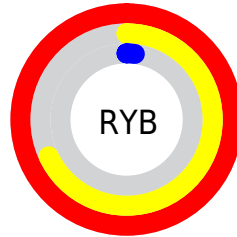
Distribution



Red (100%)

Green (42%)

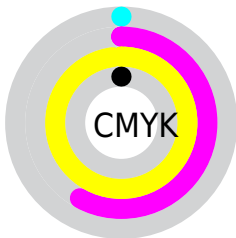
Blue (2%)



Red (100%)

Yellow (68%)

Blue (2%)

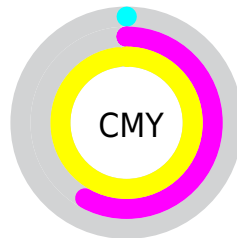


Cyan (0%)

Magenta (58%)

Yellow (98%)

Black (0%)



Cyan (0%)

Magenta (58%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF6A05 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 FF6A05 by changing the saturation by 10% instead.

 FF6A05

 FF6A05

FFFFFF

 DE4F00

 FFA147

 BE3300

 FFBD62

 9E1000

 FFDA7D

 7E0000

 FFF798

 5F0000

 FFFFB4

 430001

 FFFFD1

 250001

 FFFFEE

 000000

 FF6A05

 FF6A05

■ FF6700

■ FF791F

■ FF8838

■ FF9852

■ FFA76B

■ FFB685

■ FFC59E

■ FFD4B8

■ FFE4D1

■ FFF3EB

Harmonies

Analogous

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



FF3B60



FF6A05



C78F00

Triad

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



FF6A05



00B983



5F8CFF

Complementary

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



FF6A05



059AFF

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



FF6A05



00BAD4

Square

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



FF6A05



00B32D



00B6FF



E360F9

Rectangle

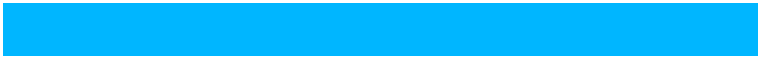
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF6A05



99A000



00B6FF



0097FF

Sweetspot

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



FF6A05



FFD3B5



FF059B



806553



000000



808080

Same Dimension

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



FF6A05



FF6700



FFE605



807873



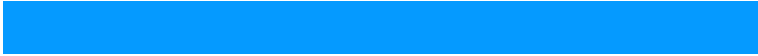
BF4D00



401A00

Inverse Universe

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



059AFF



0098FF



051EFF



737A80



0072BF



002640

Previews

White Background



This preview shows how the Hex color FF6A05 looks on a white background.

Color Contrast Check

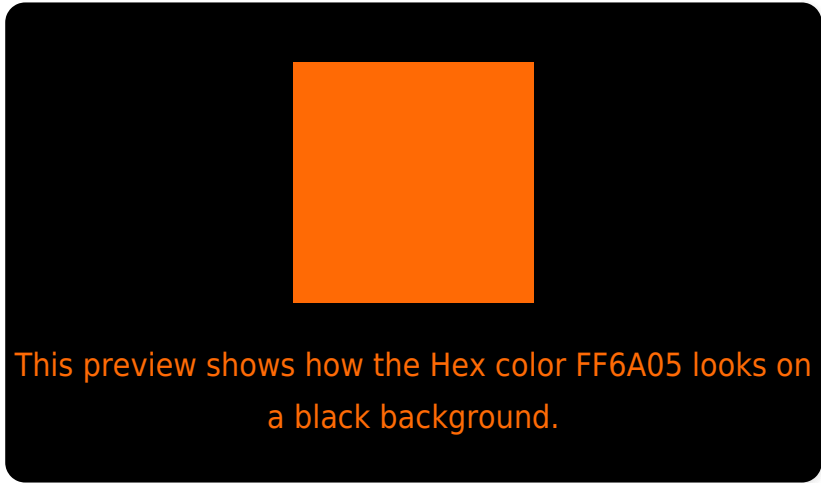
Large Text (above 18pt) WCAG AA × Fail

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 FF6A05 Background



This preview shows how black text looks on a background with the Hex color FF6A05.



This preview shows how white text looks on a background with the Hex color FF6A05.

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
FF6A05

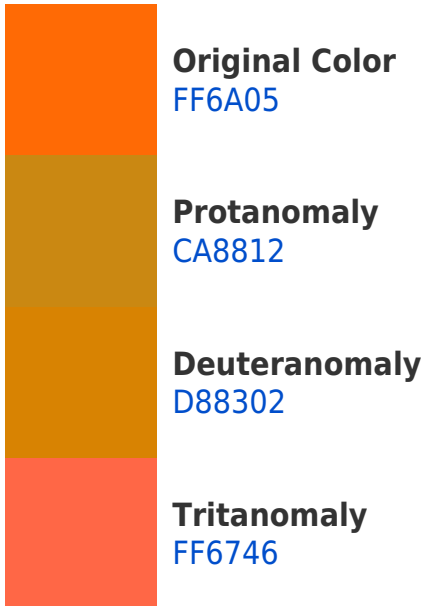
Protanopia
AC9919

Deuteranopia
C19100

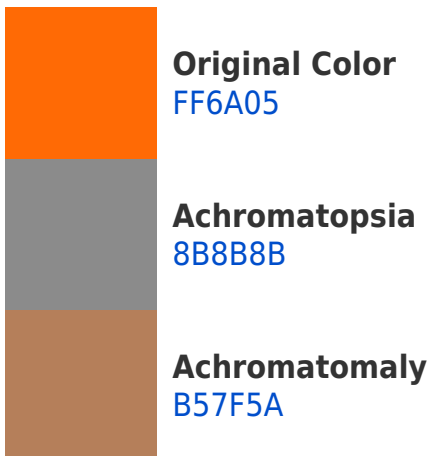


Tritanopia
FF656B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF6A05 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 #FF6A05 looks like.

```
.text, #text, p{  
    color:#FF6A05  
}
```

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 #FF6A05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6A05
}
```

Border

The CSS property to change the border of an element to Hex FF6A05 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
#FF6A05 }
```

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

```
.border{ border-color:#FF6A05 }
```

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

Here you see how a box with a 4 pixel #FF6A05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6A05; -webkit-box-shadow:4px 4px  
4px 4px #FF6A05; box-shadow:4px 4px 4px  
4px #FF6A05 }
```

Background

The CSS property to change the background color of an element to Hex FF6A05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6A05 }
```

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

```
.background{ background-color:#FF6A05 }
```

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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