

Converting Colors

Hex(FF6E1A)

Have a look what the booklet for
Hex(FF6E1A) contains.

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Color

Hex(F6E1A)

Conversions

Conversions Part 1

Format	Color
Hex	FF6E1A
RGB	255, 110, 26
RGB Percent	100%, 43%, 10%
CMY	0.0000, 0.5686, 0.8980
CMYK	0.00, 0.57, 0.90, 0.00
HSL	22°, 100%, 55%
HSV	22°, 90%, 100%
XYZ	47.0024, 32.4864, 4.7705
YIQ	143.7790, 113.3840, 4.6160

Conversions

Conversions Part 2

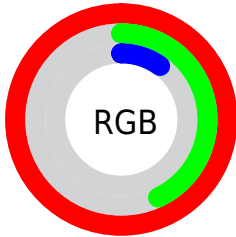
Format	Color
R_{YB}	255, 159, 26
Decimal	16739866
CIE _{Lab}	63.74, 51.67, 66.98
CIE _{LCh}	64, 84.598, 52.350
Yxy	32.4864, 0.5578, 0.3856
Android (android.graphics.Color)	4294929946 (0xFFFF6E1A)
YUV	143.7790, -58.0650, 97.5408
Hunter-Lab	56.9969, 47.4552, 34.9354

Details

The Hex color **FF6E1A** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **1AABFF**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFA552**, and **BE3700** is the 20% darker color. If you saturate the color by 10%, you get **FF5E00**, and if you desaturate by 10%, it is **FF7E33**.

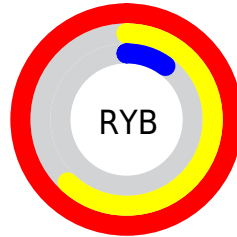
Distribution



Red (100%)

Green (43%)

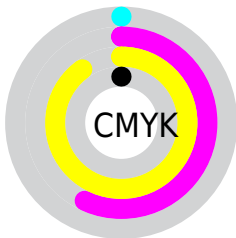
Blue (10%)



Red (100%)

Yellow (62%)

Blue (10%)

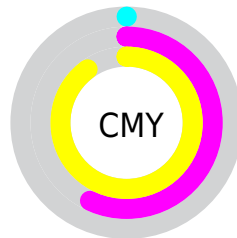


Cyan (0%)

Magenta (57%)

Yellow (90%)

Black (0%)



Cyan (0%)

Magenta (57%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF6E1A 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 FF6E1A by changing the saturation by 10% instead.

 FF6E1A

 FF6E1A

FFFFFF

 DE5300

 FFA552

 BE3700

 FFC16C

 9E1800

 FFDE87

 7F0000

 FFFBA3

 600000

 FFFFBF

 430001

 FFFFDB

 260001

 FFFFF8

 000000

 FF6E1A

 FF6E1A

 FF5E00

 FF7E33

 FF8E4D

 FF9E66

 FFAF80

 FFBF99

 FFCFB3

 FFDFCC

 FFEFE6

FFFFFF

Harmonies

Analogous

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



FF4766



FF6E1A



CA9000

Triad

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



FF6E1A



00BA84



648FFF

Complementary

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



FF6E1A



1AABFF

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.



00AAFF



FF6E1A



00BBD2

Square

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



FF6E1A



00B433



00B7FF



E068F8

Rectangle

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



FF6E1A



9EA100



00B7FF



0099FF

Sweetspot

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



FF6E1A



FFD3BA



FF1AAB



806657



000000



808080

Same Dimension

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



FF6E1A



FF5E00



FFE01A



807773



BF4600



401700

Inverse Universe

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



1AABFF



00A1FF



1A39FF



737B80



0079BF



002840

Previews

White Background



This preview shows how the Hex color FF6E1A 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 FF6E1A Background



This preview shows how black text looks on a background with the Hex color FF6E1A.



This preview shows how white text looks on a background with the Hex color FF6E1A.

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
FF6E1A

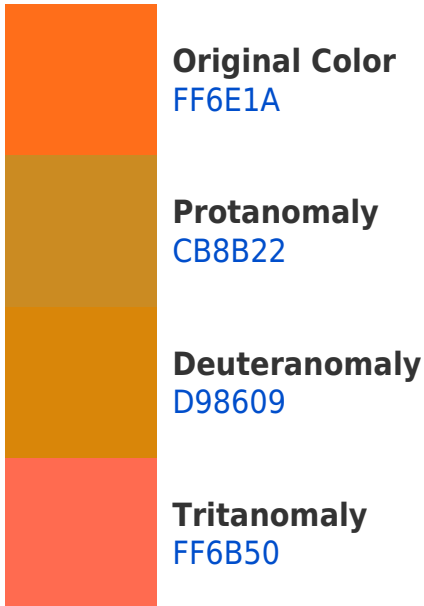
Protanopia
AE9B26

Deuteranopia
C49300



Tritanopia
FF696F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF6E1A 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 #FF6E1A looks like.

```
.text, #text, p{  
    color:#FF6E1A  
}
```

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 #FF6E1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6E1A
}
```

Border

The CSS property to change the border of an element to Hex FF6E1A 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
#FF6E1A }
```

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

```
.border{ border-color:#FF6E1A }
```

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

Here you see how a box with a 4 pixel #FF6E1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6E1A; -webkit-box-shadow:4px 4px  
4px 4px #FF6E1A; box-shadow:4px 4px 4px  
4px #FF6E1A }
```

Background

The CSS property to change the background color of an element to Hex FF6E1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6E1A }
```

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

```
.background{ background-color:#FF6E1A }
```

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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