

Converting Colors

Hex(FF6413)

Have a look what the booklet for
Hex(FF6413) contains.

Hex(FF6413)	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(F6413)

Conversions

Conversions Part 1

Format	Color
Hex	FF6413
RGB	255, 100, 19
RGB Percent	100%, 39%, 7%
CMY	0.0000, 0.6078, 0.9255
CMYK	0.00, 0.61, 0.93, 0.00
HSL	21°, 100%, 54%
HSV	21°, 93%, 100%
XYZ	45.9147, 30.4214, 4.0680
YIQ	137.1110, 118.3810, 7.6690

Conversions

Conversions Part 2

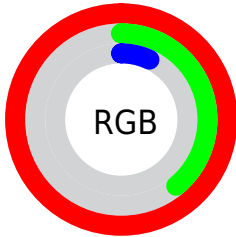
Format	Color
R_{YB}	255, 142, 19
Decimal	16737299
CIE _{Lab}	62.02, 56.04, 67.65
CIE _{LCh}	62, 87.849, 50.360
Yxy	30.4214, 0.5710, 0.3784
Android (android.graphics.Color)	4294927379 (0xFFFF6413)
YUV	137.1110, -58.2287, 103.3887
Hunter-Lab	55.1556, 52.0716, 34.2359

Details

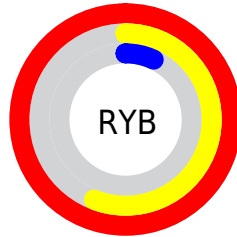
The Hex color **FF6413** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **13AEFF**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF9C4C**, and **BE2A00** is the 20% darker color. If you saturate the color by 10%, you get **FF5800**, and if you desaturate by 10%, it is **FF752D**.

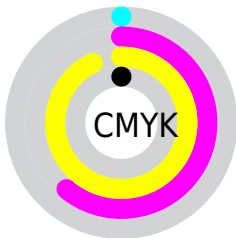
Distribution



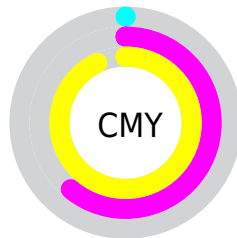
- Red (100%)
- Green (39%)
- Blue (7%)



- Red (100%)
- Yellow (56%)
- Blue (7%)



- Cyan (0%)
- Magenta (61%)
- Yellow (93%)
- Black (0%)



- Cyan (0%)
- Magenta (61%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF6413 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 FF6413 by changing the saturation by 10% instead.

 FF6413

 FF6413

FFFFFF

 DE4800

 FF9C4C

 BE2A00

 FFB867

 9D0000

 FFD582

 7E0000

 FFF29D

 5F0000

 FFFFB9

 430002

 FFFFD5

 230001

 FFFFF2

 000000

 FF6413

 FF6413

 FF5800

 FF752D

 FF8546

 FF9660

 FFA779

 FFB893

 FFC8AC

 FFD9C6

 FFEADF

 FFFBF9

Harmonies

Analogous

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



FF3665



FF6413



CA8A00

Triad

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



FF6413



00B679



438DFF

Complementary

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



FF6413



13AEFF

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.



00A7FF



FF6413



00B7CA

Square

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



FF6413



00AF22



00B4FF



D863FB

Rectangle

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



FF6413



9D9B00



00B4FF



0097FF

Sweetspot

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



FF6413



FFD0B8



FF13B0



806354



000000



808080

Same Dimension

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



FF6413



FF5800



FFD813



807773



BF4200



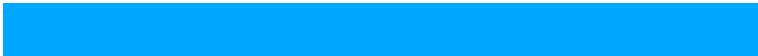
401600

Inverse Universe

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



13AEFF



00A7FF



133AFF



737B80



007EBF



002A40

Previews

White Background



This preview shows how the Hex color FF6413 looks on a white background.

Color Contrast Check

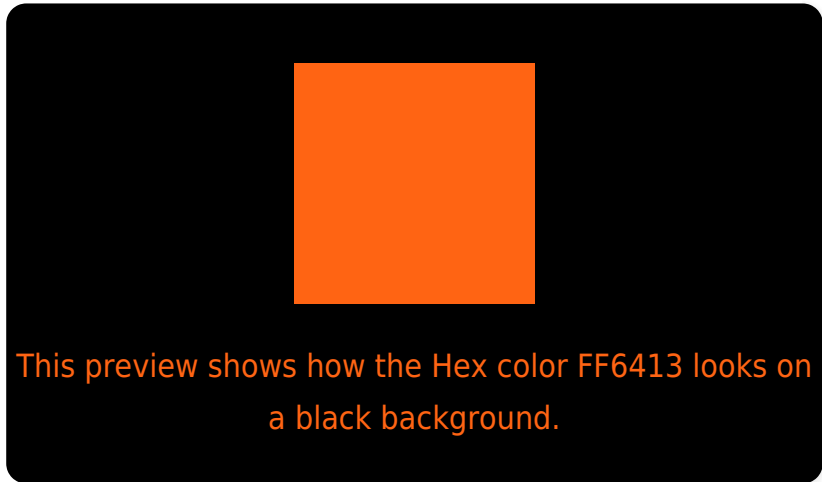
Large Text (above 18pt) WCAG AA × Fail

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 FF6413 Background



This preview shows how black text looks on a background with the Hex color FF6413.



This preview shows how white text looks on a background with the Hex color FF6413.

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](#).

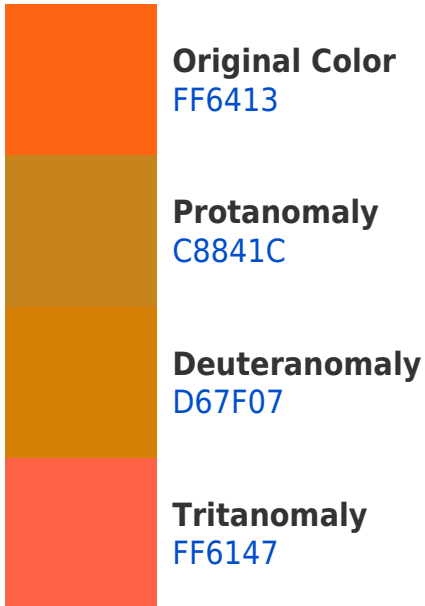
Dichromacy





Tritanopia
FF5F65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF6413 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 #FF6413 looks like.

```
.text, #text, p{  
    color:#FF6413  
}
```

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 #FF6413 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6413
}
```

Border

The CSS property to change the border of an element to Hex FF6413 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
#FF6413 }
```

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

```
.border{ border-color:#FF6413 }
```

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

Here you see how a box with a 4 pixel #FF6413 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6413; -webkit-box-shadow:4px 4px  
4px 4px #FF6413; box-shadow:4px 4px 4px  
4px #FF6413 }
```

Background

The CSS property to change the background color of an element to Hex FF6413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6413 }
```

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

```
.background{ background-color:#FF6413 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor