

Converting Colors

Hex(FF4612)

Have a look what the booklet for
Hex(FF4612) contains.

Hex(FF4612)	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(F4612)

Conversions

Conversions Part 1

Format	Color
Hex	FF4612
RGB	255, 70, 18
RGB Percent	100%, 27%, 7%
CMY	0.0000, 0.7255, 0.9294
CMYK	0.00, 0.73, 0.93, 0.00
HSL	13°, 100%, 54%
HSV	13°, 93%, 100%
XYZ	43.5393, 25.6840, 3.2350
YIQ	119.3870, 126.9520, 23.0480

Conversions

Conversions Part 2

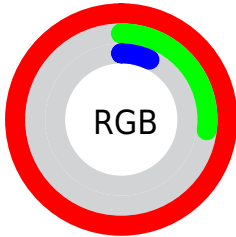
Format	Color
R _Y B	255, 85, 18
Decimal	16729618
CIE Lab	57.74, 67.61, 65.19
CIE LCh	58, 93.916, 43.955
Yxy	25.6840, 0.6009, 0.3545
Android (android.graphics.Color)	4294919698 (0xFFFF4612)
YUV	119.3870, -49.9838, 118.9326
Hunter-Lab	50.6794, 64.6629, 31.6909

Details

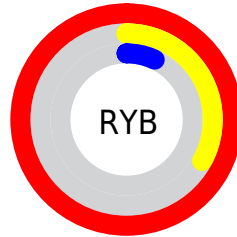
The Hex color **FF4612** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **12CBFF**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF8249**, and **BD0000** is the 20% darker color. If you saturate the color by 10%, you get **FF3800**, and if you desaturate by 10%, it is **FF5A2C**.

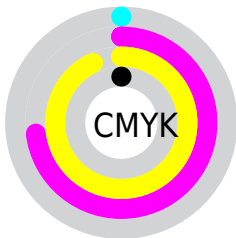
Distribution



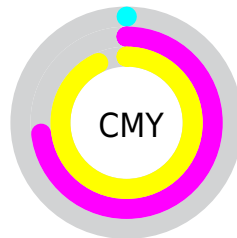
- Red (100%)
- Green (27%)
- Blue (7%)



- Red (100%)
- Yellow (33%)
- Blue (7%)



- Cyan (0%)
- Magenta (73%)
- Yellow (93%)
- Black (0%)



- Cyan (0%)
- Magenta (73%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF4612 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 FF4612 by changing the saturation by 10% instead.

 FF4612

 FF4612

FFFFFF

 DE2200

 FF8249

 BD0000

 FF9F62

 9C0000

 FFBC7D

 7C0000

 FFD998

 5C0001

 FFF7B3

 3F0003

 FFFFCE

 1C0001

 FFFFEC

 000000

 FF4612

 FF4612

■ FF3800

■ FF5A2C

■ FF6E45

■ FF825F

■ FF9678

■ FFAA92

■ FFBDA8

■ FFD1C5

■ FFE5DE

■ FFF9F8

Harmonies

Analogous

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



FF0069



FF4612



CC7600

Triad

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



FF4612



00AA5A



0089FF

Complementary

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



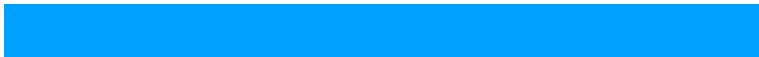
FF4612



12CBFF

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.



00A1FF



FF4612



00ACB0

Square

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



FF4612



00A300



00ABFC



BA5DFF

Rectangle

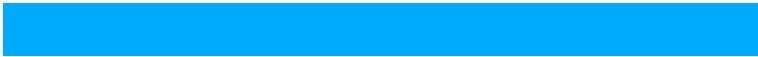
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF4612



9F8B00



00ABFC



0093FF

Sweetspot

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



FF4612



FFC7B8



FF12CC



805E54



000000



808080

Same Dimension

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



FF4612



FF3800



FFBC12



807673



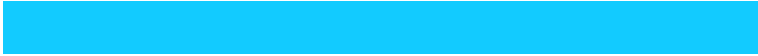
BF2A00



400E00

Inverse Universe

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



12CBFF



00C7FF



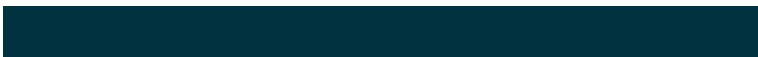
1255FF



737D80



0095BF



003240

Previews

White Background



This preview shows how the Hex color FF4612 looks on a white background.

Color Contrast Check

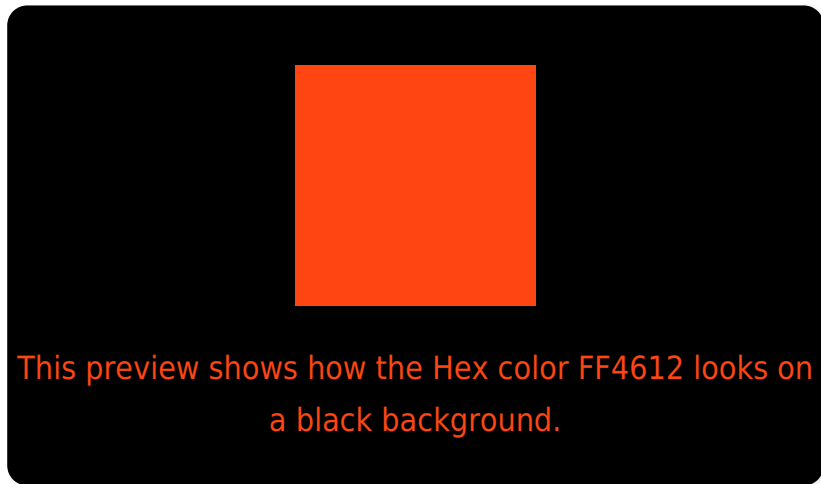
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex FF4612 Background



This preview shows how black text looks on a background with the Hex color FF4612.



This preview shows how white text looks on a background with the Hex color FF4612.

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
FF4612

Protanopia
9C8B24

Deuteranopia
AF8400



Tritanopia
FF4345

Trichromacy



Original Color
FF4612

Protanomaly
C0721D

Deuteranomaly
CC6D07

Tritanomaly
FF4432

Monochromacy



Original Color
FF4612

Achromatopsia
777777

Achromatomaly
A86552

CSS Examples

Text

The CSS property to change the color of the text to Hex FF4612 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 #FF4612 looks like.

```
.text, #text, p{  
    color:#FF4612  
}
```

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 #FF4612 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF4612
}
```

Border

The CSS property to change the border of an element to Hex FF4612 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".

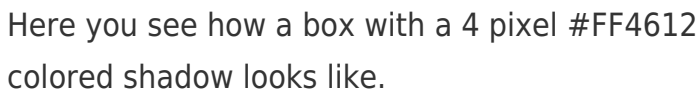
```
.border, #border, table{ border:4px solid
#FF4612 }
```

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

```
.border{ border-color:#FF4612 }
```

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

Here you see how a box with a 4 pixel #FF4612 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF4612; -webkit-box-shadow:4px 4px  
4px 4px #FF4612; box-shadow:4px 4px 4px  
4px #FF4612 }
```

Background

The CSS property to change the background color of an element to Hex FF4612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF4612 }
```

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

```
.background{ background-color:#FF4612 }
```

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