

# Converting Colors

Hex(F64612)

Have a look what the booklet for  
Hex(F64612) contains.

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**Color**

**Hex(F64612)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F64612
RGB	246, 70, 18
RGB Percent	96%, 27%, 7%
CMY	0.0353, 0.7255, 0.9294
CMYK	0.00, 0.72, 0.93, 0.04
HSL	14°, 93%, 52%
HSV	14°, 93%, 96%
XYZ	40.3054, 24.0168, 3.0836
YIQ	116.6960, 121.5880, 21.1400

# Conversions

## Conversions Part 2

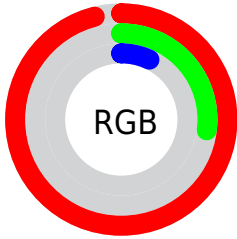
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	246, 85, 18
Decimal	16139794
CIE <sub>Lab</sub>	56.10, 64.85, 63.36
CIE <sub>LCh</sub>	56, 90.661, 44.332
Yxy	24.0168, 0.5980, 0.3563
Android (android.graphics.Color)	4294329874 (0xFFFF64612)
YUV	116.6960, -48.6571, 113.3996
Hunter-Lab	49.0070, 61.0437, 30.5742

# Details

The Hex color **F64612** 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 **12C2F6**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF8148**, and **B40000** is the 20% darker color. If you saturate the color by 10%, you get **F63800**, and if you desaturate by 10%, it is **F6592B**.

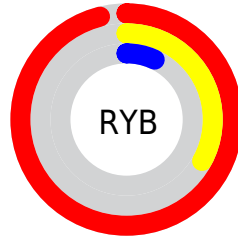
# Distribution



Red (96%)

Green (27%)

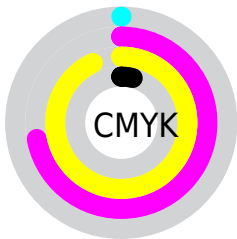
Blue (7%)



Red (96%)

Yellow (33%)

Blue (7%)

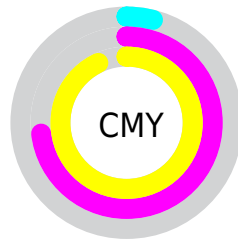


Cyan (0%)

Magenta (72%)

Yellow (93%)

Black (4%)



Cyan (4%)

Magenta (73%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F64612 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 F64612 by changing the saturation by 10% instead.



 F64612

 F64612

FFFFFF

 D52400

 FF8148

 B40000

 FF9D62

 940000

 FFBA7C

 740000

 FFD897

 550001

 FFF5B2

 380002

 FFFFCE

 0D0000

 FFFFEB

 000000

 F64612

 F64612

 F63800

 F6592B

 F66C43

 F67F5C

 F69274

 F6A58D

 F6B8A6

 F6CBBE

 F6DED7

 F6F1EF

# Harmonies

## Analogous

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



FF0065



F64612



C57400

# Triad

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



F64612



00A559



0084FF

# Complementary

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



F64612



12C2F6

# 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.



009CFF



F64612



00A7AC

# Square

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



F64612



009E00



00A5F4



B55AF9

# Rectangle

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



F64612



998700



00A5F4



008EFF



# Sweetspot

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



F64612



FFC8B8



F612C5



805E54



000000



808080



# Same Dimension

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



F64612



FF3A00



F6B512



7A716E



BA2A00



3B0D00



# Inverse Universe

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



12C2F6



00C5FF



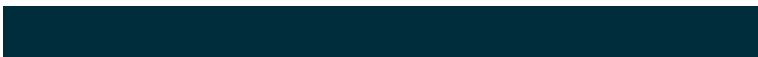
1253F6



6E787A



0090BA



002D3B



# Previews

## White Background



This preview shows how the Hex color F64612 looks on a white background.

## Color Contrast Check

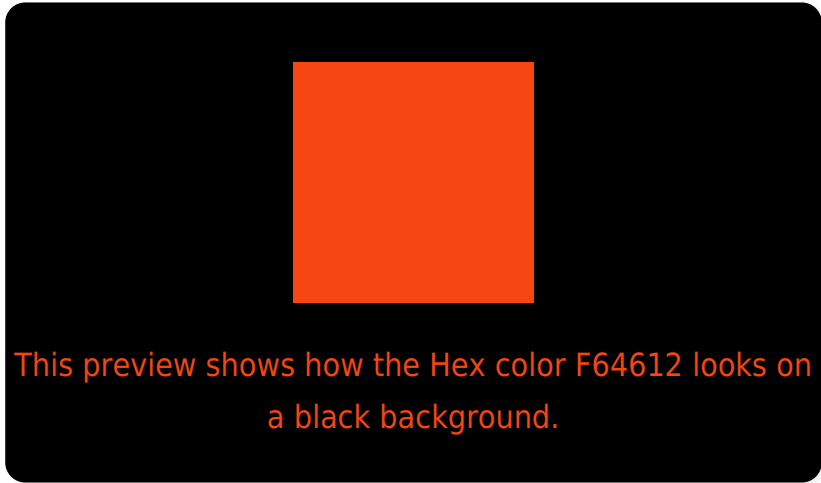
Large Text (above 18pt) WCAG AA ✓ Pass

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 F64612 Background



This preview shows how black text looks on a background with the Hex color F64612.



This preview shows how white text looks on a background with the Hex color F64612.

# 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**  
F64612

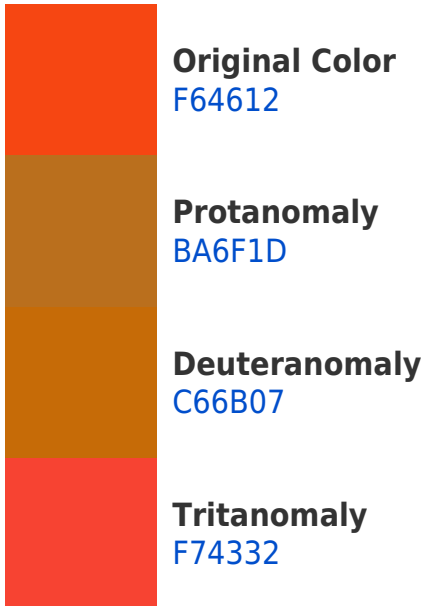
**Protanopia**  
988723

**Deuteranopia**  
AA8000



**Tritanopia**  
F74244

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F64612 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 #F64612 looks like.

```
.text, #text, p{  
    color:#F64612  
}
```

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 #F64612 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F64612
}
```

## Border

The CSS property to change the border of an element to Hex F64612 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
#F64612 }
```

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

```
.border{ border-color:#F64612 }
```

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

Here you see how a box with a 4 pixel #F64612 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F64612; -webkit-box-shadow:4px 4px  
4px 4px #F64612; box-shadow:4px 4px 4px  
4px #F64612 }
```

# Background

The CSS property to change the background color of an element to Hex F64612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F64612 }
```

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

```
.background{ background-color:#F64612 }
```

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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