

Converting Colors

Hex(F64309)

Have a look what the booklet for
Hex(F64309) contains.

Hex(F64309)	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(F64309)

Conversions

Conversions Part 1

Format	Color
Hex	F64309
RGB	246, 67, 9
RGB Percent	96%, 26%, 4%
CMY	0.0353, 0.7373, 0.9647
CMYK	0.00, 0.73, 0.96, 0.04
HSL	15°, 93%, 50%
HSV	15°, 96%, 96%
XYZ	40.0625, 23.6269, 2.7074
YIQ	113.9090, 125.3020, 19.9100

Conversions

Conversions Part 2

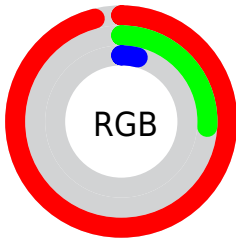
Format	Color
R_{YB}	246, 86, 9
Decimal	16139017
CIE Lab	55.71, 65.78, 65.27
CIE LCh	56, 92.668, 44.774
Yxy	23.6269, 0.6034, 0.3558
Android (android.graphics.Color)	4294329097 (0xFFFF64309)
YUV	113.9090, -51.7201, 115.8438
Hunter-Lab	48.6075, 62.0574, 30.7229

Details

The Hex color **F64309** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **09BCF6**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF7E43**, and **B40000** is the 20% darker color. If you saturate the color by 10%, you get **F63C00**, and if you desaturate by 10%, it is **F65622**.

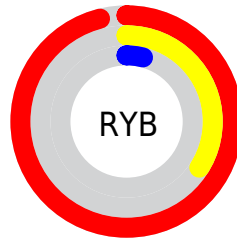
Distribution



Red (96%)

Green (26%)

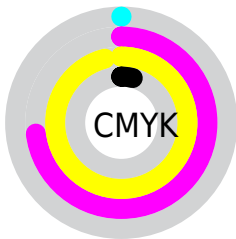
Blue (4%)



Red (96%)

Yellow (34%)

Blue (4%)

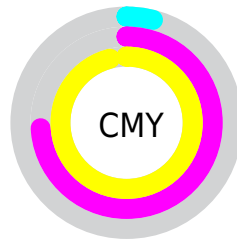


Cyan (0%)

Magenta (73%)

Yellow (96%)

Black (4%)



Cyan (4%)

Magenta (74%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color F64309 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 F64309 by changing the saturation by 10% instead.

 F64309

 F64309

FFFFFF

 D51F00

 FF7E43

 B40000

 FF9B5D

 930000

 FFB877

 740000

 FFD592

 550001

 FFF3AD

 370002

 FFFFC9

 0B0000

 FFFFE6

 000000

 F64309

 F64309

 F63C00

 F65622

 F6683A

 F67B53

 F68D6B

 F6A084

 F6B29D

 F6C5B5

 F6D8CE

 F6EAE6

Harmonies

Analogous

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



FF0062



F64309



C37300

Triad

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



F64309



00A458



0083FF

Complementary

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



F64309



09BCF6

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.



009BFF



F64309



00A6AD

Square

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



F64309



009D00



00A5F7



B657FA

Rectangle

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



F64309



978700



00A5F7



008DFF

Sweetspot

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



F64309



FFC7B5



F609BF



805E53



000000



808080

Same Dimension

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



F64309



FF3E00



F6B709



7A716E



BA2E00



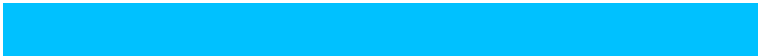
3B0E00

Inverse Universe

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



09BCF6



00C1FF



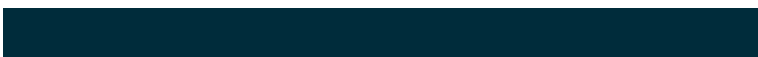
0948F6



6E777A



008DBA



002C3B

Previews

White Background



This preview shows how the Hex color F64309 looks on a white background.

Color Contrast Check

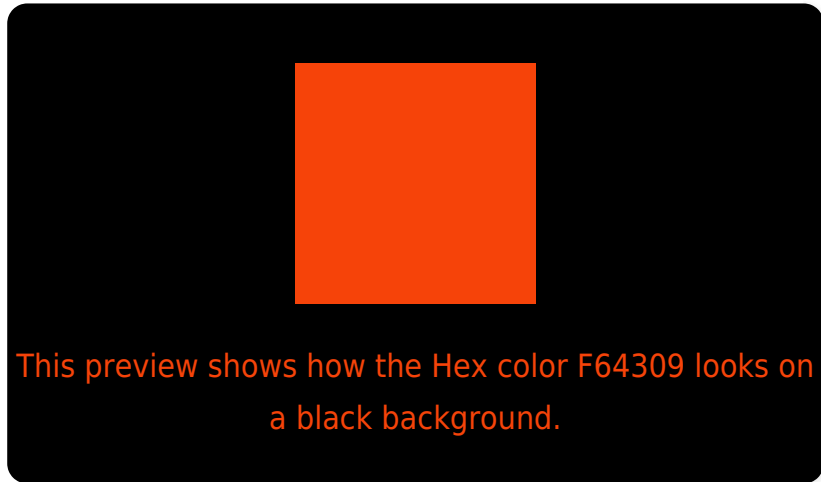
Large Text (above 18pt) WCAG AA ✓ Pass

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 F64309 Background



This preview shows how black text looks on a background with the Hex color F64309.



This preview shows how white text looks on a background with the Hex color F64309.

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
F64309

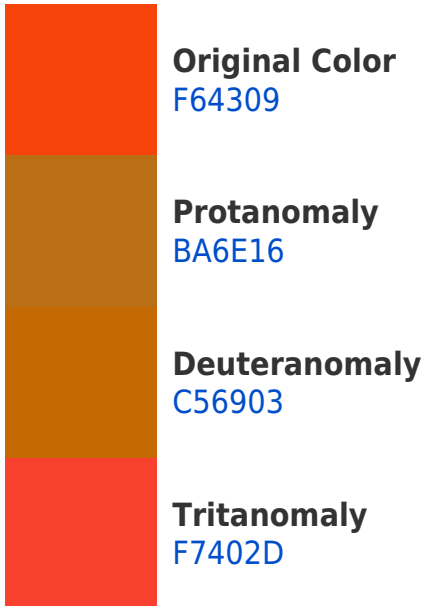
Protanopia
97861D

Deuteranopia
A97F00



Tritanopia
F73F41

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F64309 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 #F64309 looks like.

```
.text, #text, p{  
    color:#F64309  
}
```

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 #F64309 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F64309
}
```

Border

The CSS property to change the border of an element to Hex F64309 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".

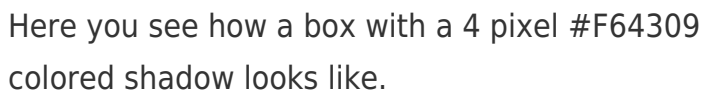
```
.border, #border, table{ border:4px solid
#F64309 }
```

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

```
.border{ border-color:#F64309 }
```

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

Here you see how a box with a 4 pixel #F64309 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F64309; -webkit-box-shadow:4px 4px  
4px 4px #F64309; box-shadow:4px 4px 4px  
4px #F64309 }
```

Background

The CSS property to change the background color of an element to Hex F64309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F64309 }
```

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

```
.background{ background-color:#F64309 }
```

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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