

# Converting Colors

Hex(F44A0B)

Have a look what the booklet for  
Hex(F44A0B) contains.

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**Color**

**Hex(F44A0B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F44A0B
RGB	244, 74, 11
RGB Percent	96%, 29%, 4%
CMY	0.0431, 0.7098, 0.9569
CMYK	0.00, 0.70, 0.95, 0.04
HSL	16°, 91%, 50%
HSV	16°, 95%, 96%
XYZ	39.8174, 24.1548, 2.8803
YIQ	117.6480, 121.5430, 16.4470

# Conversions

## Conversions Part 2

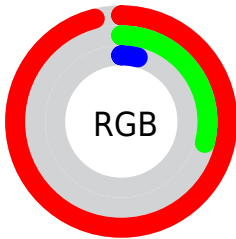
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 97, 11
Decimal	16009739
CIE <sub>Lab</sub>	56.24, 62.73, 64.96
CIE <sub>LCh</sub>	56, 90.309, 46.000
Yxy	24.1548, 0.5956, 0.3613
Android (android.graphics.Color)	4294199819 (0xFFFF44A0B)
YUV	117.6480, -52.5775, 110.8107
Hunter-Lab	49.1476, 58.6055, 30.9285

# Details

The Hex color **F44A0B** 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 **0BB5F4**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF8444**, and **B20000** is the 20% darker color. If you saturate the color by 10%, you get **F44200**, and if you desaturate by 10%, it is **F45C23**.

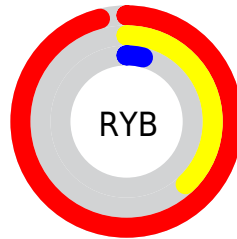
# Distribution



Red (96%)

Green (29%)

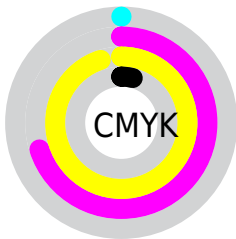
Blue (4%)



Red (96%)

Yellow (38%)

Blue (4%)

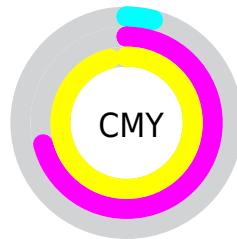


Cyan (0%)

Magenta (70%)

Yellow (95%)

Black (4%)



Cyan (4%)

Magenta (71%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F44A0B 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 F44A0B by changing the saturation by 10% instead.



 F44A0B

 F44A0B

FFFFFF

 D32A00

 FF8444

 B20000

 FFA05E

 920000

 FFBD79

 720000

 FFDA94

 540001

 FFF8AF

 370002

 FFFFCB

 090000

 FFFF8E

 000000

 F44A0B

 F44A0B

 F44200

 F45C23

 F46E3C

 F47F54

 F4916D

 F4A385

 F4B59D

 F4C7B6

 F4D8CE

 F4EAE7

# Harmonies

## Analogous

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



FF0061



F44A0B



C27600

# Triad

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



F44A0B



00A55E



0083FF

# Complementary

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



F44A0B



0BB5F4

# 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



F44A0B



00A7B0

# Square

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



F44A0B



009E00



00A5F8



BB58F6

# Rectangle

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



F44A0B



968900



00A5F8



008DFF



# Sweetspot

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



F44A0B



FFC9B5



F40BB6



805F53



000000



808080



# Same Dimension

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



F44A0B



FF4500



F4BE0B



7A716E



BA3200



3B1000

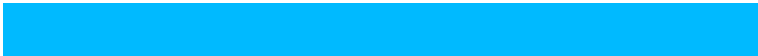


# Inverse Universe

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



0BB5F4



00BAFF



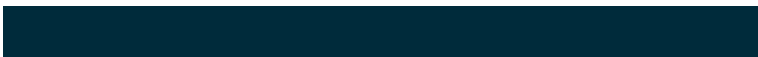
0B41F4



6E777A



0088BA



002B3B



# Previews

## White Background



This preview shows how the Hex color F44A0B looks on a white background.

## Color Contrast Check

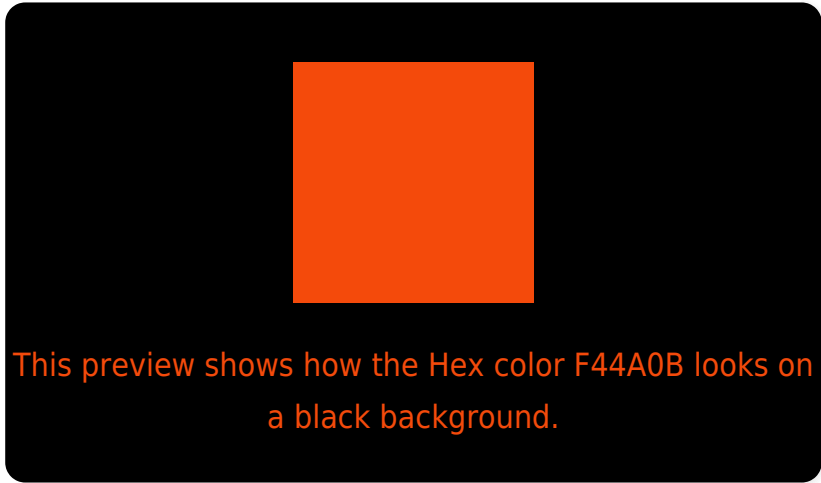
Large Text (above 18pt) WCAG AA ✓ Pass

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 F44A0B Background



This preview shows how black text looks on a background with the Hex color F44A0B.



This preview shows how white text looks on a background with the Hex color F44A0B.

# 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**  
F44A0B

**Protanopia**  
98881D

**Deuteranopia**  
AB8000



**Tritanopia**  
F54548

# Trichromacy



**Original Color**  
F44A0B

**Protanomaly**  
B97116

**Deuteranomaly**  
C66C04

**Tritanomaly**  
F54732

# Monochromacy



**Original Color**  
F44A0B

**Achromatopsia**  
767676

**Achromatomaly**  
A4664F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F44A0B 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 #F44A0B looks like.

```
.text, #text, p{  
    color:#F44A0B  
}
```

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 #F44A0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F44A0B
}
```

## Border

The CSS property to change the border of an element to Hex F44A0B 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".

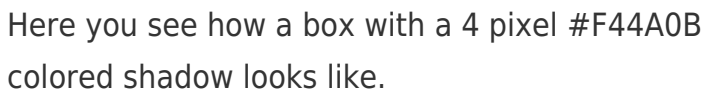
```
.border, #border, table{ border:4px solid
#F44A0B }
```

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

```
.border{ border-color:#F44A0B }
```

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

Here you see how a box with a 4 pixel #F44A0B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F44A0B; -webkit-box-shadow:4px 4px  
4px 4px #F44A0B; box-shadow:4px 4px 4px  
4px #F44A0B }
```

# Background

The CSS property to change the background color of an element to Hex F44A0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F44A0B }
```

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

```
.background{ background-color:#F44A0B }
```

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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