

# Converting Colors

Hex(F44B00)

Have a look what the booklet for  
Hex(F44B00) contains.

<b>Hex(F44B00)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(F44B00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F44B00
RGB	244, 75, 0
RGB Percent	96%, 29%, 0%
CMY	0.0431, 0.7059, 1.0000
CMYK	0.00, 0.69, 1.00, 0.04
HSL	18°, 100%, 48%
HSV	18°, 100%, 96%
XYZ	39.8243, 24.2653, 2.5847
YIQ	116.9810, 124.7990, 12.5030

# Conversions

## Conversions Part 2

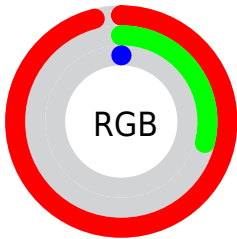
Format	Color
<a href="#">RYB</a>	<a href="#">244, 108, 0</a>
Decimal	<a href="#">16009984</a>
CIELab	<a href="#">56.35, 62.28, 67.27</a>
CIELCh	<a href="#">56, 91.672, 47.204</a>
Yxy	<a href="#">24.2653, 0.5973, 0.3639</a>
Android (android.graphics.Color)	<a href="#">4294200064</a> ( <a href="#">0xFFFF44B00</a> )
YUV	<a href="#">116.9810, -57.6716, 111.3957</a>
Hunter-Lab	<a href="#">49.2598, 58.1046, 31.3709</a>

# Details

The Hex color **F44B00** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **00A9F4**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF843F**, and **B20000** is the 20% darker color. If you saturate the color by 10%, you get **F44B00**, and if you desaturate by 10%, it is **F45C18**.

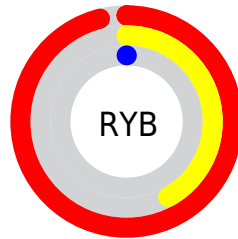
# Distribution



Red (96%)

Green (29%)

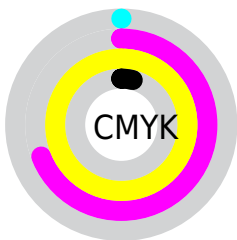
Blue (0%)



Red (96%)

Yellow (42%)

Blue (0%)

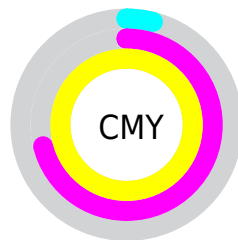


Cyan (0%)

Magenta (69%)

Yellow (100%)

Black (4%)



Cyan (4%)

Magenta (71%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F44B00 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 F44B00 by changing the saturation by 10% instead.



 F44B00

 F44B00

FFFFFF

 D32B00

 FF843F

 B20000

 FFA15A

 920000

 FFBE74

 720000

 FFDB8F

 530001

 FFF9AA

 370002

 FFFFC6

 090000

 FFFF3E

 000000

 F44B00

 F45C18

 F46D31

 F47E49

 F48F62

 F4A07A

 F4B092

 F4C1AB

 F4D2C3

 F4E3DC

# Harmonies

## Analogous

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



FF005E



F44B00



C07700

# Triad

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



F44B00



00A661



0082FF

# Complementary

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



F44B00



00A9F4

# 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



F44B00



00A8B4

# Square

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



F44B00



009F00



00A6FC



C055F5

# Rectangle

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



F44B00



938A00



00A6FC



008CFF



# Sweetspot

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



F44B00



FFCAB3



F400AB



806052



000000



808080



# Same Dimension

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



F44B00



FF4E00



F4C300



7A726E



BA3900



3B1200

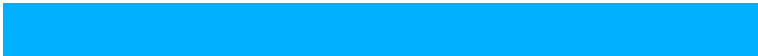


# Inverse Universe

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



00A9F4



00B1FF



0031F4



6E777A



0081BA



00293B



# Previews

## White Background



This preview shows how the Hex color F44B00 looks on a white background.

## Color Contrast Check

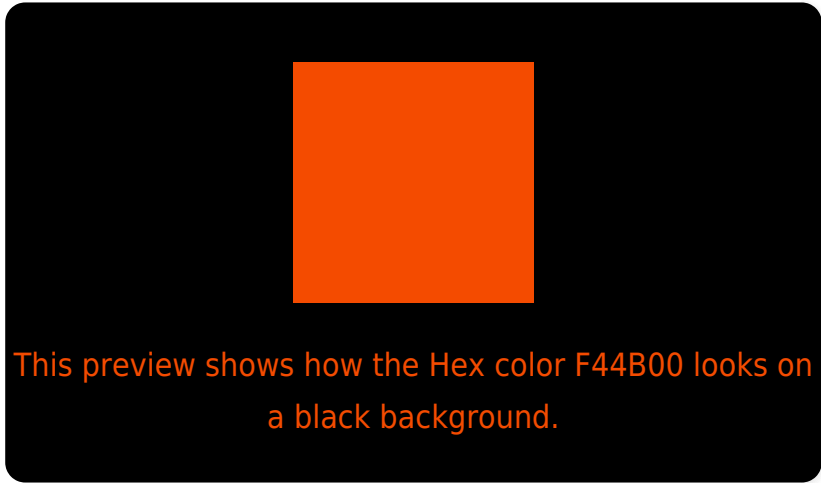
Large Text (above 18pt) WCAG AA ✓ Pass

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 F44B00 Background



This preview shows how black text looks on a background with the Hex color F44B00.



This preview shows how white text looks on a background with the Hex color F44B00.

# 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**  
F44B00

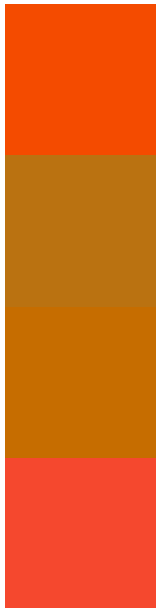
**Protanopia**  
99881A

**Deuteranopia**  
AB8100



**Tritanopia**  
F54649

# Trichromacy



**Original Color**  
F44B00

**Protanomaly**  
BA7211

**Deuteranomaly**  
C66D00

**Tritanomaly**  
F5482E

# Monochromacy



**Original Color**  
F44B00

**Achromatopsia**  
757575

**Achromatomaly**  
A3664A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F44B00 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 #F44B00 looks like.

```
.text, #text, p{  
    color:#F44B00  
}
```

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 #F44B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F44B00  
}
```

## Border

The CSS property to change the border of an element to Hex F44B00 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  
#F44B00 }
```

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

```
.border{ border-color:#F44B00 }
```

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

Here you see how a box with a 4 pixel #F44B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F44B00; -webkit-box-shadow:4px 4px  
4px 4px #F44B00; box-shadow:4px 4px 4px  
4px #F44B00 }
```

# Background

The CSS property to change the background color of an element to Hex F44B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F44B00 }
```

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

```
.background{ background-color:#F44B00 }
```

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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