

# Converting Colors

Hex(F03900)

Have a look what the booklet for  
Hex(F03900) contains.

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**Color**

**Hex(F03900)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F03900
RGB	240, 57, 0
RGB Percent	94%, 22%, 0%
CMY	0.0588, 0.7765, 1.0000
CMYK	0.00, 0.76, 1.00, 0.06
HSL	14°, 100%, 47%
HSV	14°, 100%, 94%
XYZ	37.3983, 21.4515, 2.1694
YIQ	105.2190, 127.3650, 21.0690

# Conversions

## Conversions Part 2

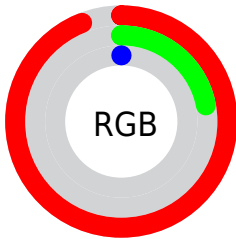
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 75, 0
Decimal	15743232
CIE <sub>Lab</sub>	53.44, 67.08, 65.50
CIE <sub>LCh</sub>	53, 93.756, 44.320
Yxy	21.4515, 0.6129, 0.3516
Android (android.graphics.Color)	4293933312 (0xFFFF03900)
YUV	105.2190, -51.8730, 118.2029
Hunter-Lab	46.3158, 63.0796, 29.6439

# Details

The Hex color **F03900** 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 **00B7F0**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF763D**, and **AE0000** is the 20% darker color. If you saturate the color by 10%, you get **F03900**, and if you desaturate by 10%, it is **F04B18**.

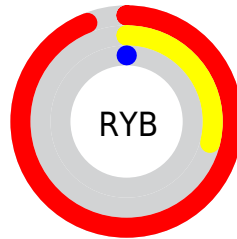
# Distribution



Red (94%)

Green (22%)

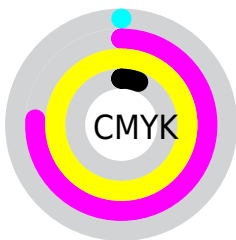
Blue (0%)



Red (94%)

Yellow (29%)

Blue (0%)

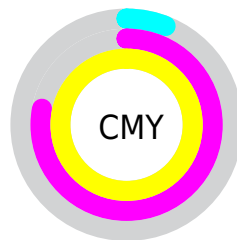


Cyan (0%)

Magenta (76%)

Yellow (100%)

Black (6%)



Cyan (6%)

Magenta (78%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F03900 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 F03900 by changing the saturation by 10% instead.



 F03900

 F03900

FFFFFFC

 CF0C00

 FF763D

 AE0000

 FF9356

 8D0000

 FFB071

 6E0000

 FFCD8B

 4F0002

 FFEBA6

 310002

 FFFF2

 000000

 FFFFDF

 F03900

 F04B18

 F05E30

 F07048

 F08260

 F09478

 F0A790

 F0B9A8

 F0CBC0

 F0DED8

# Harmonies

## Analogous

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



FF005E



F03900



BE6C00

# Triad

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



F03900



009E50



007EFF

# Complementary

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



F03900



00B7F0

# 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.



0096FF



F03900



00A0A6

# Square

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



F03900



009700



009FF1



AE51F5

# Rectangle

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



F03900



928100



009FF1



0088FF



# Sweetspot

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



F03900



FFC5B3



F000B8



805D52



000000



808080



# Same Dimension

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



F03900



FF3D00



F0B000



786F6C



B82C00



380D00

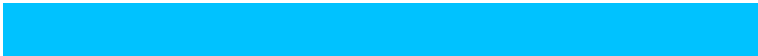


# Inverse Universe

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



00B7F0



00C2FF



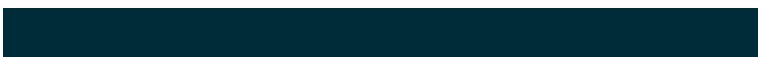
0040F0



6C7578



008CB8



002B38



# Previews

## White Background



This preview shows how the Hex color F03900 looks on a white background.

## Color Contrast Check

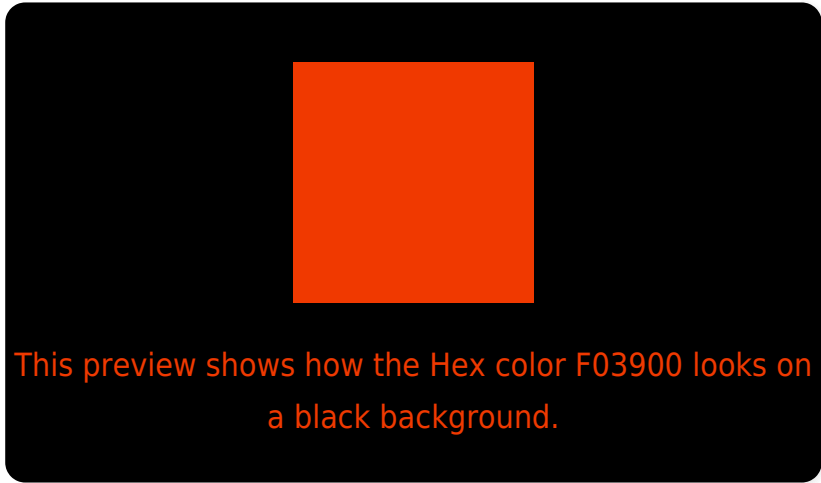
Large Text (above 18pt) WCAG AA ✓ Pass

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 F03900 Background



This preview shows how black text looks on a background with the Hex color F03900.



This preview shows how white text looks on a background with the Hex color F03900.

# 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**  
F03900

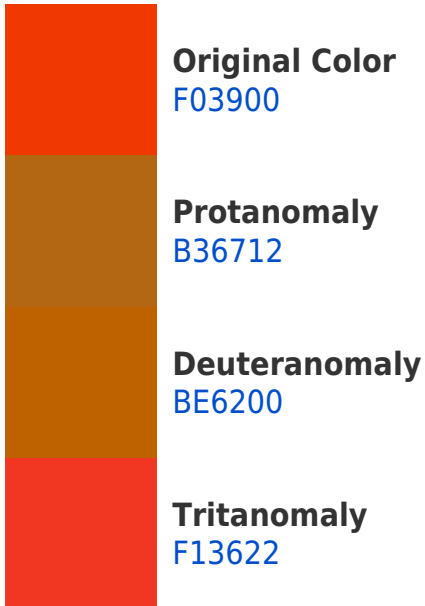
**Protanopia**  
90811C

**Deuteranopia**  
A27A00

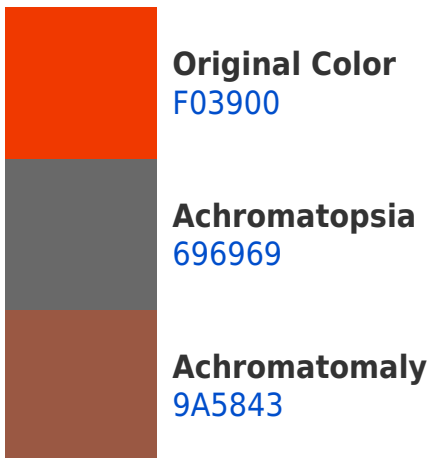


**Tritanopia**  
F13536

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F03900 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 #F03900 looks like.

```
.text, #text, p{  
    color:#F03900  
}
```

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 #F03900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F03900
}
```

## Border

The CSS property to change the border of an element to Hex F03900 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
#F03900 }
```

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

```
.border{ border-color:#F03900 }
```

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

Here you see how a box with a 4 pixel #F03900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F03900; -webkit-box-shadow:4px 4px  
4px 4px #F03900; box-shadow:4px 4px 4px  
4px #F03900 }
```

# Background

The CSS property to change the background color of an element to Hex F03900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F03900 }
```

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

```
.background{ background-color:#F03900 }
```

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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