

# Converting Colors

Hex(F94F06)

Have a look what the booklet for  
Hex(F94F06) contains.

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**Color**

**Hex(F94F06)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F94F06
RGB	249, 79, 6
RGB Percent	98%, 31%, 2%
CMY	0.0235, 0.6902, 0.9765
CMYK	0.00, 0.68, 0.98, 0.02
HSL	18°, 95%, 50%
HSV	18°, 98%, 98%
XYZ	41.8958, 25.7449, 2.9334
YIQ	121.5080, 124.7530, 13.3370

# Conversions

## Conversions Part 2

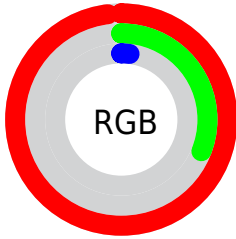
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	249, 110, 6
Decimal	16338694
CIE <sub>Lab</sub>	57.79, 62.44, 67.28
CIE <sub>LCh</sub>	58, 91.789, 47.132
Yxy	25.7449, 0.5936, 0.3648
Android (android.graphics.Color)	4294528774 (0xFFFF94F06)
YUV	121.5080, -56.9454, 111.8105
Hunter-Lab	50.7394, 58.5945, 32.0898

# Details

The Hex color **F94F06** 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 **06B0F9**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF8843**, and **B70000** is the 20% darker color. If you saturate the color by 10%, you get **F94B00**, and if you desaturate by 10%, it is **F9601F**.

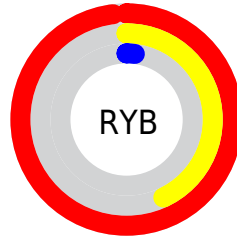
# Distribution



Red (98%)

Green (31%)

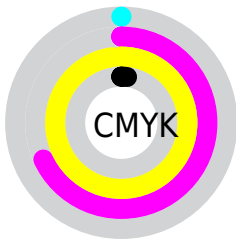
Blue (2%)



Red (98%)

Yellow (43%)

Blue (2%)

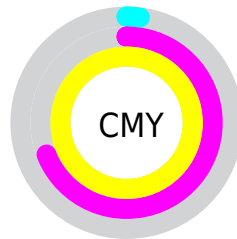


Cyan (0%)

Magenta (68%)

Yellow (98%)

Black (2%)



Cyan (2%)

Magenta (69%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F94F06 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 F94F06 by changing the saturation by 10% instead.



 F94F06

 F94F06

FFFFFF

 D83000

 FF8843

 B70000

 FFA55D

 970000

 FFC278

 770000

 FFDF93

 580000

 FFFDAE

 3C0003

 FFFF00

 160000

 FFFF00

 000000

 F94F06

 F94F06

 F94B00

 F9601F

 F97238

 F98351

 F9956A

 F9A683

 F9B89B

 F9C9B4

 F9DACD

 F9ECE6

# Harmonies

## Analogous

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



FF0061



F94F06



C57B00

# Triad

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



F94F06



00AA64



0085FF

# Complementary

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



F94F06



06B0F9

# 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.



009FFF



F94F06



00ACB8

# Square

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



F94F06



00A300



00AAFF



C459FA

# Rectangle

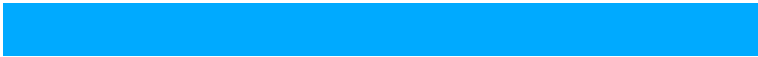
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F94F06



988E00



00AAFF



0090FF



# Sweetspot

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



F94F06



FFCBB5



F906B0



806053



000000



808080



# Same Dimension

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



F94F06



FF4D00



F9C806



7D7470



BD3900



3D1200



# Inverse Universe

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



06B0F9



00B2FF



0637F9



70797D



0084BD



002B3D



# Previews

## White Background



This preview shows how the Hex color F94F06 looks on a white background.

## Color Contrast Check

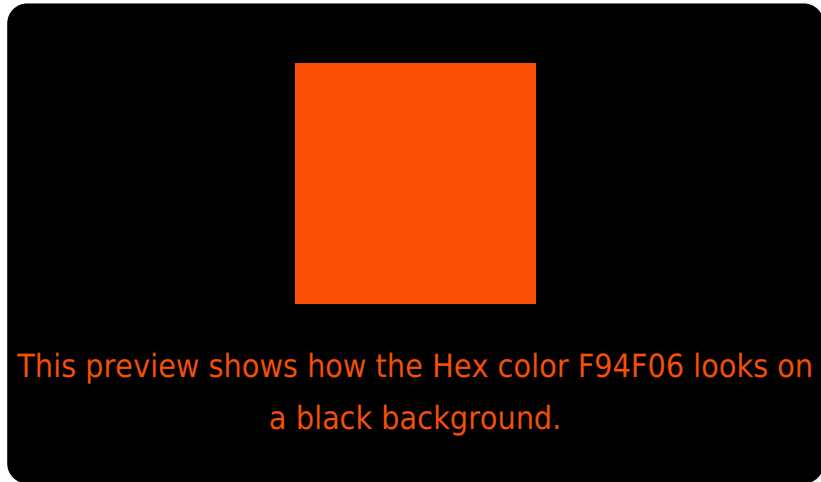
Large Text (above 18pt) WCAG AA ✓ Pass

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 F94F06 Background



This preview shows how black text looks on a background with the Hex color F94F06.



This preview shows how white text looks on a background with the Hex color F94F06.

# 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



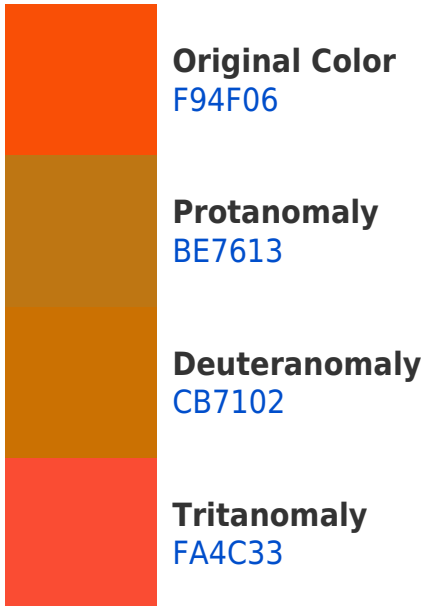
**Original Color**  
F94F06

**Protanopia**  
9D8C1B

**Deuteranopia**  
B08400



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F94F06 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 #F94F06 looks like.

```
.text, #text, p{  
    color:#F94F06  
}
```

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 #F94F06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F94F06
}
```

## Border

The CSS property to change the border of an element to Hex F94F06 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
#F94F06 }
```

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

```
.border{ border-color:#F94F06 }
```

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

Here you see how a box with a 4 pixel #F94F06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F94F06; -webkit-box-shadow:4px 4px  
4px 4px #F94F06; box-shadow:4px 4px 4px  
4px #F94F06 }
```

# Background

The CSS property to change the background color of an element to Hex F94F06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F94F06 }
```

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

```
.background{ background-color:#F94F06 }
```

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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