

Converting Colors

Hex(F94F00)

Have a look what the booklet for
Hex(F94F00) contains.

Hex(F94F00)	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(F94F00)

Conversions

Conversions Part 1

Format	Color
Hex	F94F00
RGB	249, 79, 0
RGB Percent	98%, 31%, 0%
CMY	0.0235, 0.6902, 1.0000
CMYK	0.00, 0.68, 1.00, 0.02
HSL	19°, 100%, 49%
HSV	19°, 100%, 98%
XYZ	41.8629, 25.7317, 2.7603
YIQ	120.8240, 126.6790, 11.4710

Conversions

Conversions Part 2

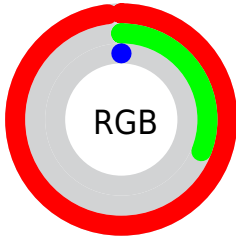
Format	Color
R_{YB}	249, 116, 0
Decimal	16338688
CIE _{Lab}	57.78, 62.40, 68.46
CIE _{LCh}	58, 92.628, 47.650
Yxy	25.7317, 0.5950, 0.3657
Android (android.graphics.Color)	4294528768 (0xFFFF94F00)
YUV	120.8240, -59.5662, 112.4104
Hunter-Lab	50.7264, 58.5391, 32.2822

Details

The Hex color **F94F00** 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 **00AAF9**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF8840**, and **B70000** is the 20% darker color. If you saturate the color by 10%, you get **F94F00**, and if you desaturate by 10%, it is **F96019**.

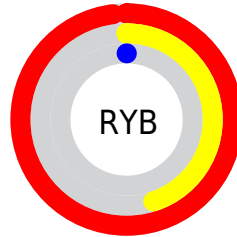
Distribution



Red (98%)

Green (31%)

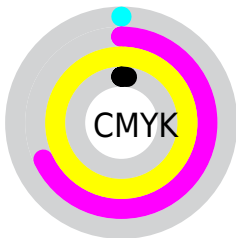
Blue (0%)



Red (98%)

Yellow (45%)

Blue (0%)

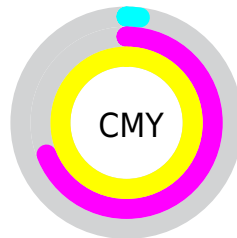


Cyan (0%)

Magenta (68%)

Yellow (100%)

Black (2%)



Cyan (2%)

Magenta (69%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color F94F00 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 F94F00 by changing the saturation by 10% instead.

 F94F00

 F94F00

FFFFFF

 D83000

 FF8840

 B70000

 FFA55B

 970000

 FFC275

 770000

 FFDF90

 580000

 FFFDAC

 3C0003

 FFFFC8

 150000

 FFFF E5

 000000

 F94F00

 F96019

 F97132

 F9824B

 F99364

 F9A47D

 F9B595

 F9C6AE

 F9D7C7

 F9E8E0

Harmonies

Analogous

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



FF0060



F94F00



C47B00

Triad

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



F94F00



00AA65



0085FF

Complementary

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



F94F00



00AAF9

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



F94F00



00ACBA

Square

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



F94F00



00A400



00AAFF



C657FA

Rectangle

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



F94F00



968E00



00AAFF



008FFF

Sweetspot

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



F94F00



FFCBB3



F900AA



806052



000000



808080

Same Dimension

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



F94F00



FF5100



F9CB00



7D7470



BD3C00



3D1300

Inverse Universe

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



00AAF9



00AEFF



002EF9



70797D



0081BD



002A3D

Previews

White Background



This preview shows how the Hex color F94F00 looks on a white background.

Color Contrast Check

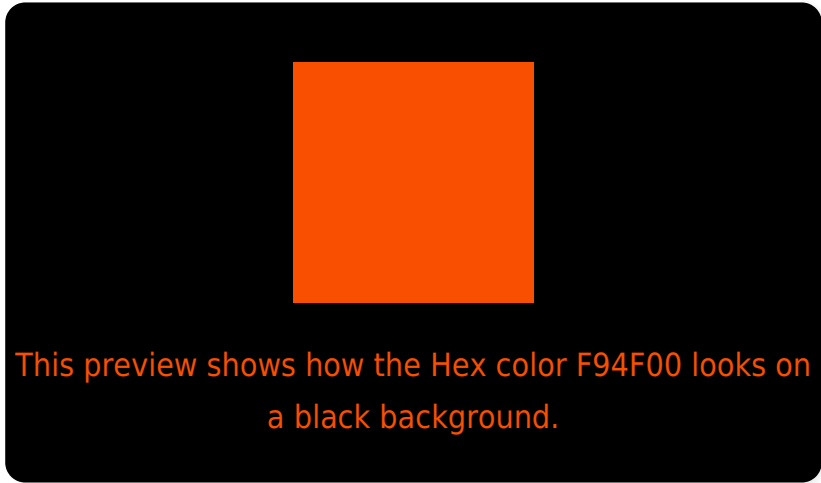
Large Text (above 18pt) WCAG AA ✓ Pass

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 F94F00 Background



This preview shows how black text looks on a background with the Hex color F94F00.



This preview shows how white text looks on a background with the Hex color F94F00.

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
F94F00

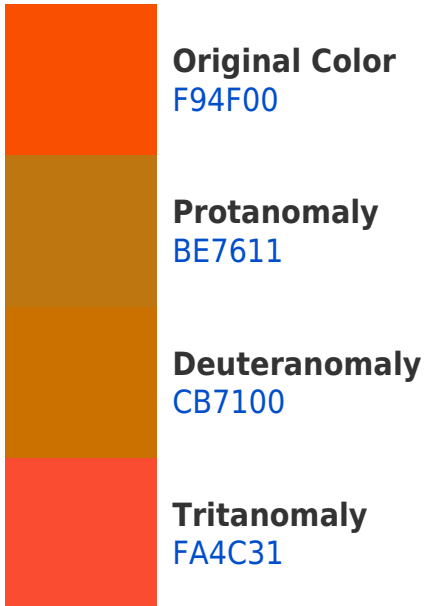
Protanopia
9D8C1B

Deuteranopia
B08400

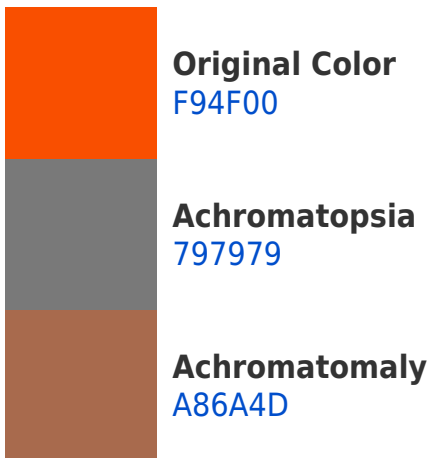


Tritanopia
FA4A4D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F94F00 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 #F94F00 looks like.

```
.text, #text, p{  
    color:#F94F00  
}
```

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 #F94F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F94F00
}
```

Border

The CSS property to change the border of an element to Hex F94F00 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
#F94F00 }
```

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

```
.border{ border-color:#F94F00 }
```

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

Here you see how a box with a 4 pixel #F94F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F94F00; -webkit-box-shadow:4px 4px  
4px 4px #F94F00; box-shadow:4px 4px 4px  
4px #F94F00 }
```

Background

The CSS property to change the background color of an element to Hex F94F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F94F00 }
```

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

```
.background{ background-color:#F94F00 }
```

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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