

Converting Colors

Hex(F94711)

Have a look what the booklet for
Hex(F94711) contains.

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Color

Hex(F94711)

Conversions

Conversions Part 1

Format	Color
Hex	F94711
RGB	249, 71, 17
RGB Percent	98%, 28%, 7%
CMY	0.0235, 0.7216, 0.9333
CMYK	0.00, 0.71, 0.93, 0.02
HSL	14°, 95%, 52%
HSV	14°, 93%, 98%
XYZ	41.4213, 24.6867, 3.1122
YIQ	118.0660, 123.4220, 20.9420

Conversions

Conversions Part 2

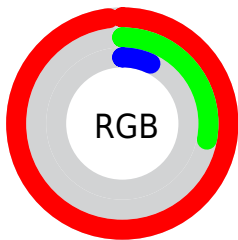
Format	Color
R_{YB}	249, 87, 17
Decimal	16336657
CIE _{Lab}	56.77, 65.42, 64.31
CIE _{LCh}	57, 91.740, 44.510
Yxy	24.6867, 0.5984, 0.3566
Android (android.graphics.Color)	4294526737 (0xFFFF94711)
YUV	118.0660, -49.8255, 114.8291
Hunter-Lab	49.6857, 61.8596, 31.0662

Details

The Hex color **F94711** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **11C3F9**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF8248**, and **B70000** is the 20% darker color. If you saturate the color by 10%, you get **F93A00**, and if you desaturate by 10%, it is **F95A2A**.

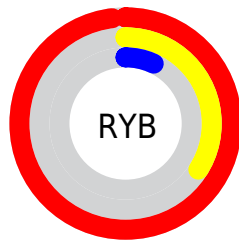
Distribution



Red (98%)

Green (28%)

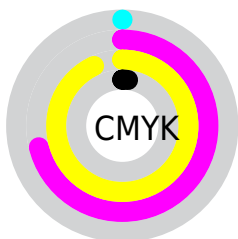
Blue (7%)



Red (98%)

Yellow (34%)

Blue (7%)

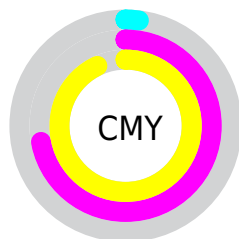


Cyan (0%)

Magenta (71%)

Yellow (93%)

Black (2%)



Cyan (2%)

Magenta (72%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color F94711 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 F94711 by changing the saturation by 10% instead.

 F94711

 F94711

FFFFFF

 D82500

 FF8248

 B70000

 FF9F61

 960000

 FFBC7C

 770000

 FFD997

 570001

 FFF7B2

 3B0002

 FFFFCE

 130000

 FFFFEB

 000000

 F94711

 F94711

 F93A00

 F95A2A

 F96D43

 F9805C

 F99375

 F9A78D

 F9BAA6

 F9CDBF

 F9E0D8

 F9F3F1

Harmonies

Analogous

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



FF0066



F94711



C77500

Triad

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



F94711



00A75A



0086FF

Complementary

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



F94711



11C3F9

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.



009EFF



F94711



00A9AE

Square

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



F94711



00A000



00A7F8



B85BFC

Rectangle

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



F94711



9B8900



00A7F8



0090FF

Sweetspot

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



F94711



FFC8B8



F911C7



805E54



000000



808080

Same Dimension

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



F94711



FF3B00



F9B711



7D7370



BD2C00



3D0E00

Inverse Universe

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



11C3F9



00C4FF



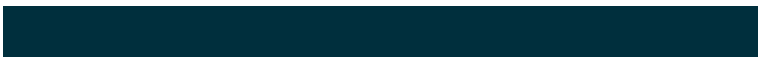
1153F9



707A7D



0091BD



002F3D

Previews

White Background



This preview shows how the Hex color F94711 looks on a white background.

Color Contrast Check

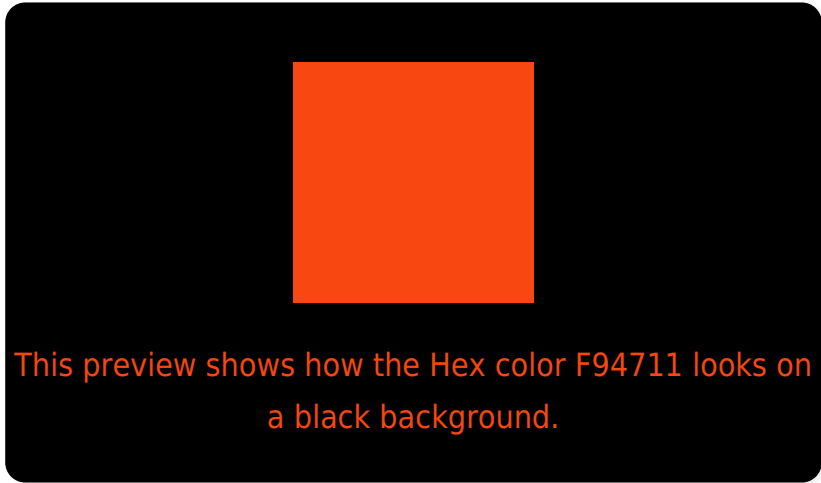
Large Text (above 18pt) WCAG AA ✓ Pass

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 F94711 Background



This preview shows how black text looks on a background with the Hex color F94711.



This preview shows how white text looks on a background with the Hex color F94711.

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
F94711

Protanopia
998922

Tritanopia
FA4245

Trichromacy



Original Color
F94711

Protanomaly
BC711C

Tritanomaly
FA4432

Monochromacy



Original Color
F94711

Achromatopsia
767676

Achromatomaly
A66551

CSS Examples

Text

The CSS property to change the color of the text to Hex F94711 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 #F94711 looks like.

```
.text, #text, p{  
    color:#F94711  
}
```

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 #F94711 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F94711
}
```

Border

The CSS property to change the border of an element to Hex F94711 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
#F94711 }
```

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

```
.border{ border-color:#F94711 }
```

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

Here you see how a box with a 4 pixel #F94711 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F94711; -webkit-box-shadow:4px 4px  
4px 4px #F94711; box-shadow:4px 4px 4px  
4px #F94711 }
```

Background

The CSS property to change the background color of an element to Hex F94711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F94711 }
```

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

```
.background{ background-color:#F94711 }
```

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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