

Converting Colors

Hex(F96E39)

Have a look what the booklet for
Hex(F96E39) contains.

Hex(F96E39)	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(F96E39)

Conversions

Conversions Part 1

Format	Color
Hex	F96E39
RGB	249, 110, 57
RGB Percent	98%, 43%, 22%
CMY	0.0235, 0.5686, 0.7765
CMYK	0.00, 0.56, 0.77, 0.02
HSL	17°, 94%, 60%
HSV	17°, 77%, 98%
XYZ	45.3814, 31.5870, 7.5759
YIQ	145.5190, 99.8570, 12.9850

Conversions

Conversions Part 2

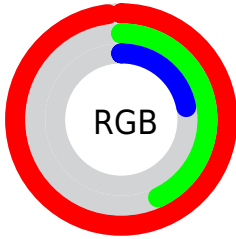
Format	Color
R_{YB}	249, 130, 57
Decimal	16346681
CIE Lab	63.00, 50.28, 53.95
CIE LCh	63, 73.744, 47.016
Yxy	31.5870, 0.5368, 0.3736
Android (android.graphics.Color)	4294536761 (0xFFFF96E39)
YUV	145.5190, -43.6399, 90.7528
Hunter-Lab	56.2023, 45.7783, 31.3495

Details

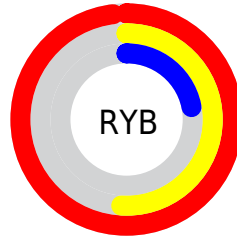
The Hex color **F96E39** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **39C4F9**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFA56B**, and **B93803** is the 20% darker color. If you saturate the color by 10%, you get **F95C20**, and if you desaturate by 10%, it is **F98052**.

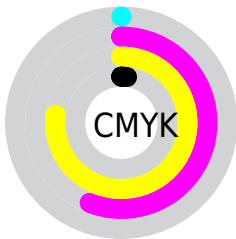
Distribution



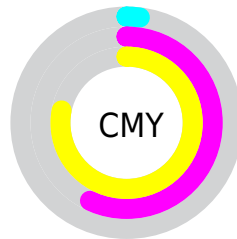
- Red (98%)
- Green (43%)
- Blue (22%)



- Red (98%)
- Yellow (51%)
- Blue (22%)



- Cyan (0%)
- Magenta (56%)
- Yellow (77%)
- Black (2%)



- Cyan (2%)
- Magenta (57%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color F96E39 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 F96E39 by changing the saturation by 10% instead.

 F96E39

 F96E39

FFFFFF

 D95320

 FFA56B

 B93803

 FFC185

 9A1900

 FFDEA0

 7B0000

 FFFBBC

 5D0000

 FFFF80

 400001

 FFFFF5

 220001

 000000

 F96E39

 F96E39

 F95C20

 F98052

 F94A07

 F9926B

 F94500

 F9A484

 F9B69D

 F9C8B5

 F9DACE

 F9ECE7

 F9FEFF

 F9FFFF

Harmonies

Analogous

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



FF5476



F96E39



CE8B00

Triad

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



F96E39



00B579



5293FF

Complementary

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



F96E39



39C4F9

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.



00A8FF



F96E39



00B6BD

Square

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



F96E39



40AE36



00B3F8



C975F3

Rectangle

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



F96E39



A99B00



00B3F8



009BFF

Sweetspot

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



F96E39



FFD5C4



F939C6



80665C



000000



808080

Same Dimension

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



F96E39



FF5312



F9CC39



7D7470



BD3400



3D1100

Inverse Universe

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



39C4F9



12BEFF



3966F9



707A7D



0089BD



002C3D

Previews

White Background



This preview shows how the Hex color F96E39 looks on a white background.

Color Contrast Check

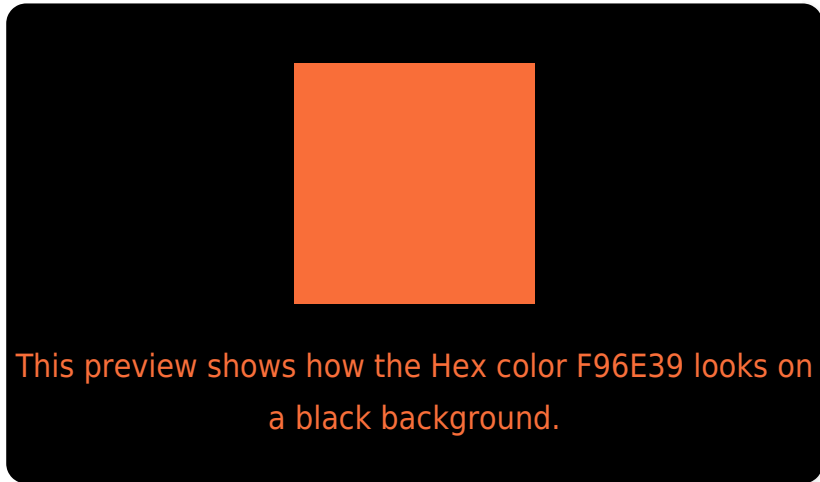
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex F96E39 Background



This preview shows how black text looks on a background with the Hex color F96E39.

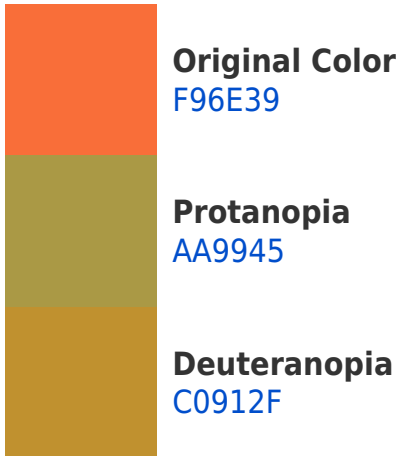



This preview shows how white text looks on a background with the Hex color F96E39.

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





Tritanopia
FB686F

Trichromacy



Original Color
F96E39

Protanomaly
C78941

Deuteranomaly
D58433

Tritanomaly
FA6A5B

Monochromacy



Original Color
F96E39

Achromatopsia
929292

Achromatomaly
B78572

CSS Examples

Text

The CSS property to change the color of the text to Hex F96E39 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 #F96E39 looks like.

```
.text, #text, p{  
    color:#F96E39  
}
```

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 #F96E39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F96E39
}
```

Border

The CSS property to change the border of an element to Hex F96E39 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
#F96E39 }
```

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

```
.border{ border-color:#F96E39 }
```

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

Here you see how a box with a 4 pixel #F96E39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F96E39; -webkit-box-shadow:4px 4px  
4px 4px #F96E39; box-shadow:4px 4px 4px  
4px #F96E39 }
```

Background

The CSS property to change the background color of an element to Hex F96E39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F96E39 }
```

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

```
.background{ background-color:#F96E39 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor