

Converting Colors

Hex(F9645C)

Have a look what the booklet for
Hex(F9645C) contains.

Hex(F9645C)	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(F9645C)

Conversions

Conversions Part 1

Format	Color
Hex	F9645C
RGB	249, 100, 92
RGB Percent	98%, 39%, 36%
CMY	0.0235, 0.6078, 0.6392
CMYK	0.00, 0.60, 0.63, 0.02
HSL	3°, 93%, 67%
HSV	3°, 63%, 98%
XYZ	45.5559, 30.0268, 13.5199
YIQ	143.6390, 91.3720, 29.1000

Conversions

Conversions Part 2

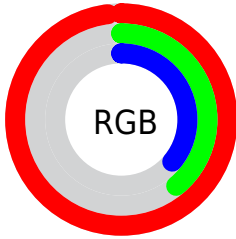
Format	Color
R _Y B	249, 100, 92
Decimal	16344156
CIE Lab	61.68, 56.48, 34.15
CIE LCh	62, 66.001, 31.158
Yxy	30.0268, 0.5113, 0.3370
Android (android.graphics.Color)	4294534236 (0xFFFF9645C)
YUV	143.6390, -25.4580, 92.4016
Hunter-Lab	54.7967, 52.5038, 23.7292

Details

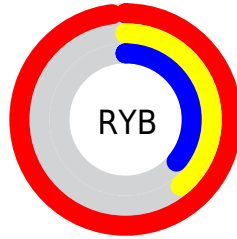
The Hex color **F9645C** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **5CF1F9**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FF9C8E**, and **BA2A2E** is the 20% darker color. If you saturate the color by 10%, you get **F94C43**, and if you desaturate by 10%, it is **F97C75**.

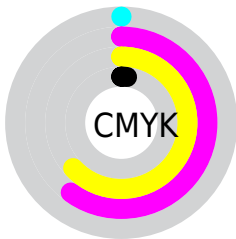
Distribution



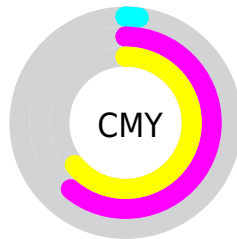
- Red (98%)
- Green (39%)
- Blue (36%)



- Red (98%)
- Yellow (39%)
- Blue (36%)



- Cyan (0%)
- Magenta (60%)
- Yellow (63%)
- Black (2%)



- Cyan (2%)
- Magenta (61%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color F9645C 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 F9645C by changing the saturation by 10% instead.

 F9645C

 F9645C

FFFFFF

 D94844

 FF9C8E

 BA2A2E

 FFB8A9

 9B0018

 FFD5C4

 7D0000

 FFF2E0

 5E0000

FFFFFFD

 420002

 220001

 000000

 F9645C

 F9645C

 F94C43

 F97C75

 F9352A

 F9938E

 F91D11

 F9ABA7

 F90D00

 F9C3C0

 F9DAD8

 F9F2F1

 F9FFFF

Harmonies

Analogous

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



FB5A95



F9645C



DD7C2A

Triad

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



F9645C



00AC59



009BFF

Complementary

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



F9645C



5CF1F9

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.



00A9FB



F9645C



00B096

Square

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



F9645C



75A323



00AFD0



9784FA

Rectangle

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



F9645C



C08C09



00AFD0



00A1FF

Sweetspot

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



F9645C



FFD1CF



F95CF1



806462



000000



808080

Same Dimension

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



F9645C



FF473D



F9B25C



7D7170



BD0A00



3D0300

Inverse Universe

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



5CF1F9



3DF5FF



5CA3F9



707C7D



00B3BD



003A3D

Previews

White Background



This preview shows how the Hex color F9645C looks on a white background.

Color Contrast Check

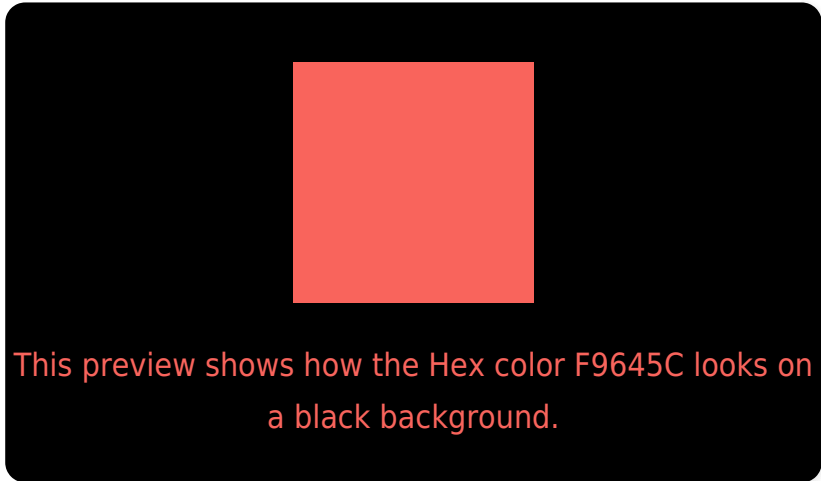
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

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

Hex F9645C Background



This preview shows how black text looks on a background with the Hex color F9645C.




This preview shows how white text looks on a background with the Hex color F9645C.

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
FA6268

Trichromacy



Original Color
F9645C

Protanomaly
C08369

Deuteranomaly
CE7F58

Tritanomaly
FA6364

Monochromacy



Original Color
F9645C

Achromatopsia
909090

Achromatomaly
B6807D

CSS Examples

Text

The CSS property to change the color of the text to Hex F9645C 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 #F9645C looks like.

```
.text, #text, p{  
    color:#F9645C  
}
```

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 #F9645C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9645C
}
```

Border

The CSS property to change the border of an element to Hex F9645C is called "border". The border property can be set on classes, ids or directly on the HTML element.

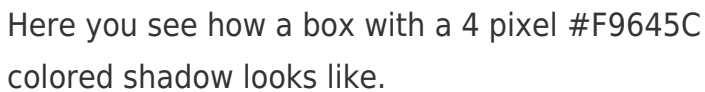
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F9645C }
```

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

```
.border{ border-color:#F9645C }
```

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



Here you see how a box with a 4 pixel #F9645C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9645C; -webkit-box-shadow:4px 4px  
4px 4px #F9645C; box-shadow:4px 4px 4px  
4px #F9645C }
```

Background

The CSS property to change the background color of an element to Hex F9645C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9645C }
```

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

```
.background{ background-color:#F9645C }
```

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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