

Converting Colors

Hex(FB9639)

Have a look what the booklet for
Hex(FB9639) contains.

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Color

Hex(FB9639)

Conversions

Conversions Part 1

Format	Color
Hex	FB9639
RGB	251, 150, 57
RGB Percent	98%, 59%, 22%
CMY	0.0157, 0.4118, 0.7765
CMYK	0.00, 0.40, 0.77, 0.02
HSL	29°, 96%, 60%
HSV	29°, 77%, 98%
XYZ	51.4285, 42.6173, 9.3863
YIQ	169.5970, 90.0490, -7.5110

Conversions

Conversions Part 2

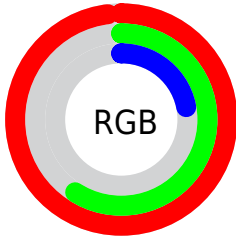
Format	Color
RYB	251, 236, 57
Decimal	16487993
CIELab	71.29, 31.17, 62.16
CIELCh	71, 69.533, 63.371
Yxy	42.6173, 0.4972, 0.4120
Android (android.graphics.Color)	4294678073 (0xFFFB9639)
YUV	169.5970, -55.5103, 71.3904
Hunter-Lab	65.2820, 26.3773, 37.1726

Details

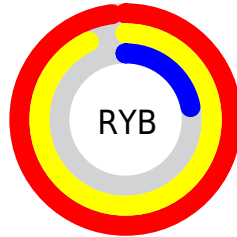
The Hex color **FB9639** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **399EFB**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFCD6E**, and **BD6200** is the 20% darker color. If you saturate the color by 10%, you get **FB8920**, and if you desaturate by 10%, it is **FBA352**.

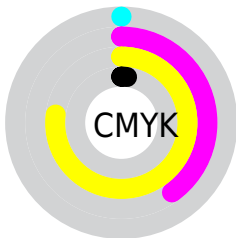
Distribution



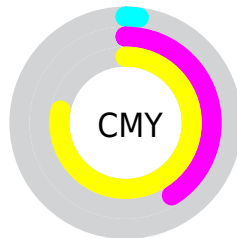
- Red (98%)
- Green (59%)
- Blue (22%)



- Red (98%)
- Yellow (93%)
- Blue (22%)



- Cyan (0%)
- Magenta (40%)
- Yellow (77%)
- Black (2%)



- Cyan (2%)
- Magenta (41%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color FB9639 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 FB9639 by changing the saturation by 10% instead.

 FB9639

 FB9639

FFFFFF

 DC7C1C

 FFCD6E

 BD6200

 FFE989

 9E4A00

 FFFFA4

 803200

 FFFFC0


 621A00

 FFFFDD

 460100

 FFFFFA

 2E0001

 000000

 FB9639

 FB9639

 FB8920

 FBA352

 FB7C07

 FBB06B

 FB7800

 FBBD84

 FBCA9D

 FBD7B7

 FBE4D0

 FBF1E9

 FBFFFF

Harmonies

Analogous

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



FF7D6C



FB9639



C8AE1C

Triad

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



FB9639



00CDB4



B99BFF

Complementary

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



FB9639



399EFB

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.



00B4FF



FB9639



00CBF3

Square

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



FB9639



00C873



00C4FF



FF7FE9

Rectangle

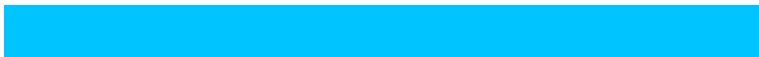
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FB9639



9FBA2C



00C4FF



95A4FF

Sweetspot

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



FB9639



FFE0C4



FB39A0



806D5C



000000



808080

Same Dimension

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



FB9639



FF8412



FBF539



7D7670



BD5A00



3D1D00

Inverse Universe

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



399EFB



128DFF



393FFB



70777D



0062BD



00203D

Previews

White Background



This preview shows how the Hex color FB9639 looks on a white background.

Color Contrast Check

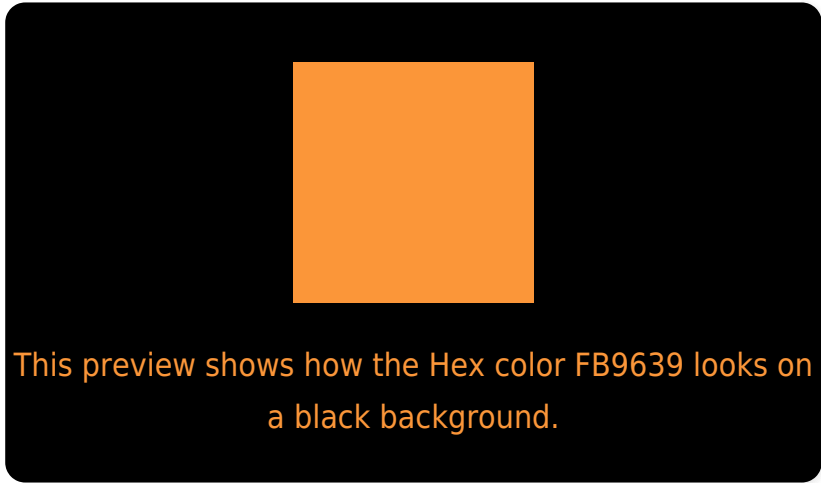
Large Text (above 18pt) WCAG AA × Fail

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 FB9639 Background



This preview shows how black text looks on a background with the Hex color FB9639.

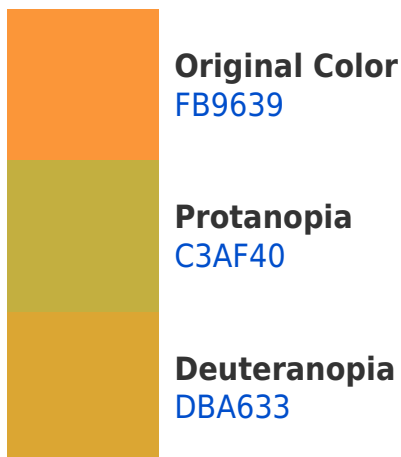


This preview shows how white text looks on a background with the Hex color FB9639.

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](#).

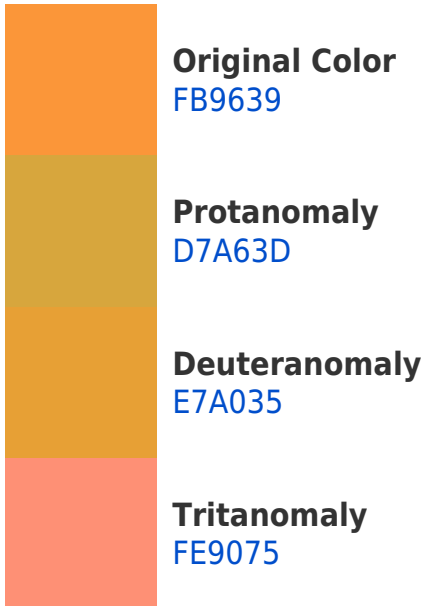
Dichromacy





Tritanopia
FF8D97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FB9639 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 #FB9639 looks like.

```
.text, #text, p{  
    color:#FB9639  
}
```

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 #FB9639 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB9639
}
```

Border

The CSS property to change the border of an element to Hex FB9639 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
#FB9639 }
```

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

```
.border{ border-color:#FB9639 }
```

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

Here you see how a box with a 4 pixel #FB9639 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB9639; -webkit-box-shadow:4px 4px  
4px 4px #FB9639; box-shadow:4px 4px 4px  
4px #FB9639 }
```

Background

The CSS property to change the background color of an element to Hex FB9639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB9639 }
```

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

```
.background{ background-color:#FB9639 }
```

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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