

Converting Colors

Hex(FB9E47)

Have a look what the booklet for
Hex(FB9E47) contains.

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Color

Hex(FB9E47)

Conversions

Conversions Part 1

Format	Color
Hex	FB9E47
RGB	251, 158, 71
RGB Percent	98%, 62%, 28%
CMY	0.0157, 0.3804, 0.7216
CMYK	0.00, 0.37, 0.72, 0.02
HSL	29°, 96%, 63%
HSV	29°, 72%, 98%
XYZ	53.1479, 45.4179, 11.9266
YIQ	175.8890, 83.3550, -7.3410

Conversions

Conversions Part 2

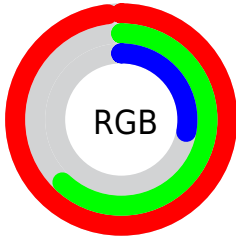
Format	Color
RYB	251, 239, 71
Decimal	16490055
CIELab	73.17, 27.59, 58.04
CIELCh	73, 64.265, 64.577
Yxy	45.4179, 0.4810, 0.4111
Android (android.graphics.Color)	4294680135 (0xFFFB9E47)
YUV	175.8890, -51.7103, 65.8723
Hunter-Lab	67.3928, 22.8327, 36.6823

Details

The Hex color **FB9E47** 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 **47A4FB**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFD57B**, and **BD6A0E** is the 20% darker color. If you saturate the color by 10%, you get **FB912E**, and if you desaturate by 10%, it is **FBAB60**.

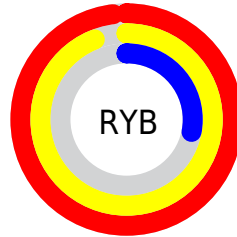
Distribution



Red (98%)

Green (62%)

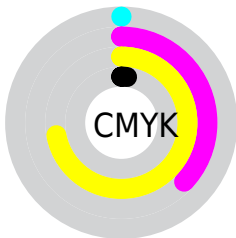
Blue (28%)



Red (98%)

Yellow (94%)

Blue (28%)

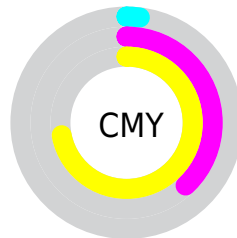


Cyan (0%)

Magenta (37%)

Yellow (72%)

Black (2%)



Cyan (2%)

Magenta (38%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color FB9E47 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 FB9E47 by changing the saturation by 10% instead.

 FB9E47

 FB9E47

FFFFFF

 DC842D

 FFD57B

 BD6A0E

 FFF196

 9F5100

 FFFFB2

 823900

 FFFFCE

 642200

 FFFFEB

 480B00

 2E0000

 000000

 FB9E47

 FB9E47

 FB912E

 FBAB60

 FB8415

 FBB879

 FB7900

 FBC592

 FBD2AB

 FBDFC4

 FBECDE

 FBF9F7

 FBFFFF

Harmonies

Analogous

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



FF8874



FB9E47



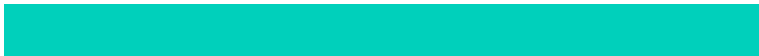
CBB434

Triad

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



FB9E47



00D0BB



C2A0FF

Complementary

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



FB9E47



47A4FB

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.



43B7FF



FB9E47



00CFF5

Square

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



FB9E47



28CD7F



00C7FF



FF88E7

Rectangle

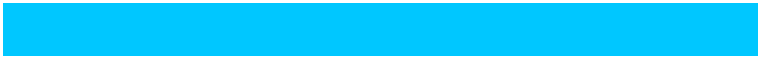
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FB9E47



A4BF40



00C7FF



A3A9FF

Sweetspot

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



FB9E47



FFE2C7



FB47A4



806E5E



000000



808080

Same Dimension

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



FB9E47



FF8E24



FBF847



7D7670



BD5B00



3D1E00

Inverse Universe

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



47A4FB



2495FF



474AFB



70777D



0061BD



00203D

Previews

White Background



This preview shows how the Hex color FB9E47 looks on a white background.

Color Contrast Check

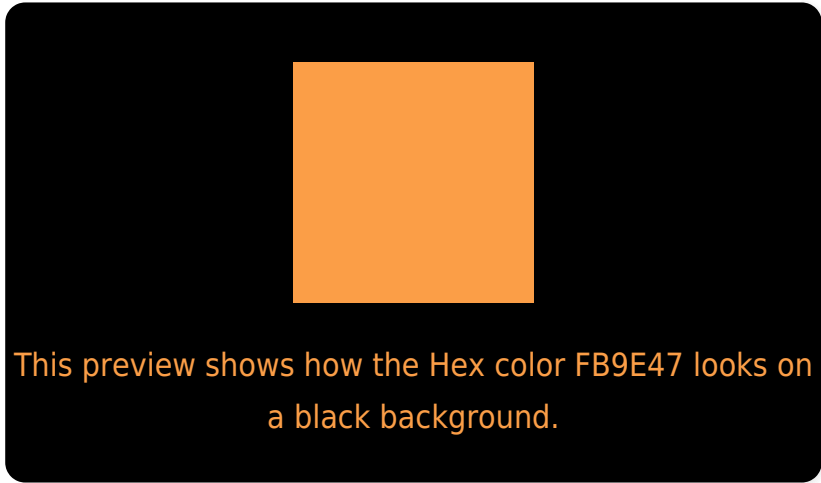
Large Text (above 18pt) WCAG AA × Fail

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 FB9E47 Background



This preview shows how black text looks on a background with the Hex color FB9E47.

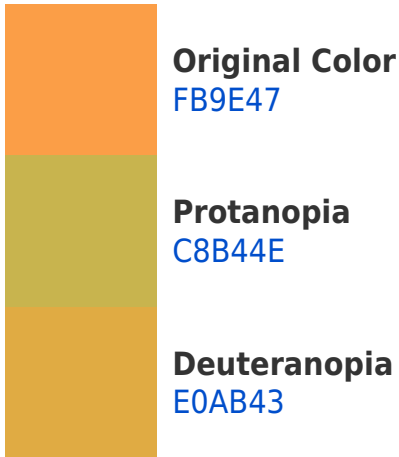


This preview shows how white text looks on a background with the Hex color FB9E47.

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](#).

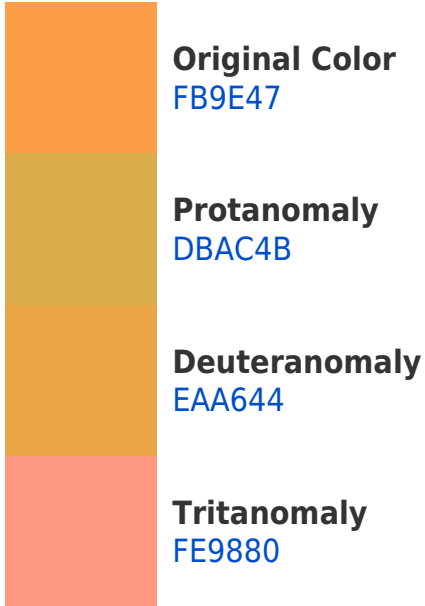
Dichromacy



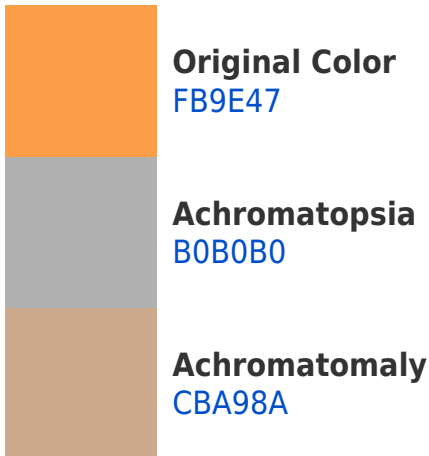


Tritanopia
FF95A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FB9E47 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 #FB9E47 looks like.

```
.text, #text, p{  
    color:#FB9E47  
}
```

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 #FB9E47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB9E47  
}
```

Border

The CSS property to change the border of an element to Hex FB9E47 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  
#FB9E47 }
```

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

```
.border{ border-color:#FB9E47 }
```

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

Here you see how a box with a 4 pixel #FB9E47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB9E47; -webkit-box-shadow:4px 4px  
4px 4px #FB9E47; box-shadow:4px 4px 4px  
4px #FB9E47 }
```

Background

The CSS property to change the background color of an element to Hex FB9E47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB9E47 }
```

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

```
.background{ background-color:#FB9E47 }
```

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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