

Converting Colors

Hex(FF9044)

Have a look what the booklet for
Hex(FF9044) contains.

Hex(FF9044)	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(F99044)

Conversions

Conversions Part 1

Format	Color
Hex	FF9044
RGB	255, 144, 68
RGB Percent	100%, 56%, 27%
CMY	0.0000, 0.4353, 0.7333
CMYK	0.00, 0.44, 0.73, 0.00
HSL	24°, 100%, 63%
HSV	24°, 73%, 100%
XYZ	52.2566, 41.6239, 10.7488
YIQ	168.5250, 90.5520, -0.1040

Conversions

Conversions Part 2

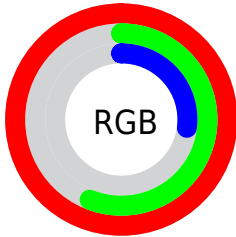
Format	Color
R_{YB}	255, 196, 68
Decimal	16748612
CIE Lab	70.61, 36.29, 56.90
CIE LCh	71, 67.483, 57.470
Yxy	41.6239, 0.4994, 0.3978
Android (android.graphics.Color)	4294938692 (0xFFFF9044)
YUV	168.5250, -49.5588, 75.8386
Hunter-Lab	64.5166, 31.6761, 35.2835

Details

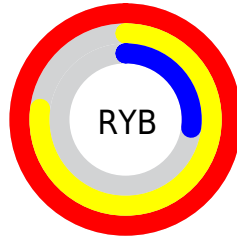
The Hex color **FF9044** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **44B3FF**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFC778**, and **C05C0C** is the 20% darker color. If you saturate the color by 10%, you get **FF812A**, and if you desaturate by 10%, it is **FF9F5D**.

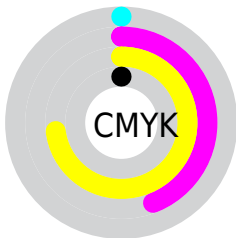
Distribution



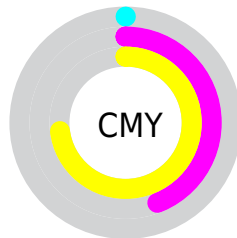
- Red (100%)
- Green (56%)
- Blue (27%)



- Red (100%)
- Yellow (77%)
- Blue (27%)



- Cyan (0%)
- Magenta (44%)
- Yellow (73%)
- Black (0%)



- Cyan (0%)
- Magenta (44%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF9044 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 FF9044 by changing the saturation by 10% instead.

 FF9044

 FF9044

FFFFFF

 DF762A

 FFC778

 C05C0C

 FFE393

 A24300

 FFFFAE

 842A00

 FFFFCA

 661000

 FFFFEE

 490000

 300001

 000000

 FF9044

 FF9044

 FF812A

 FF9F5D

 FF7211

 FFAE77

 FF6800

 FFBD91

 FFCDA A

 FFDCC3

 FFE BDD

 FFFAF6

FFFFFF

Harmonies

Analogous

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



FF7978



FF9044



D1A823

Triad

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



FF9044



00CAA5



A49FFF

Complementary

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



FF9044



44B3FF

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.



00B5FF



FF9044



00C9E4

Square

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



FF9044



3AC567



00C3FF



F284F0

Rectangle

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



FF9044



AAB529



00C3FF



7CA7FF

Sweetspot

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



FF9044



FFDEC7



FF44B4



806C5E



000000



808080

Same Dimension

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



FF9044



FF7A1F



FFEC44



807873



BF4E00



401A00

Inverse Universe

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



44B3FF



1FA4FF



4457FF



737A80



0072BF



002640

Previews

White Background



This preview shows how the Hex color FF9044 looks on a white background.

Color Contrast Check

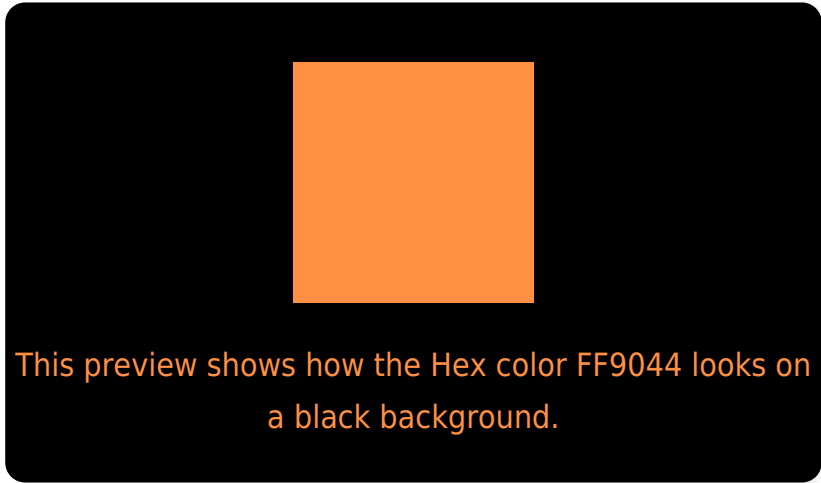
Large Text (above 18pt) WCAG AA × Fail

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 FF9044 Background



This preview shows how black text looks on a background with the Hex color FF9044.



This preview shows how white text looks on a background with the Hex color FF9044.

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
FF9044

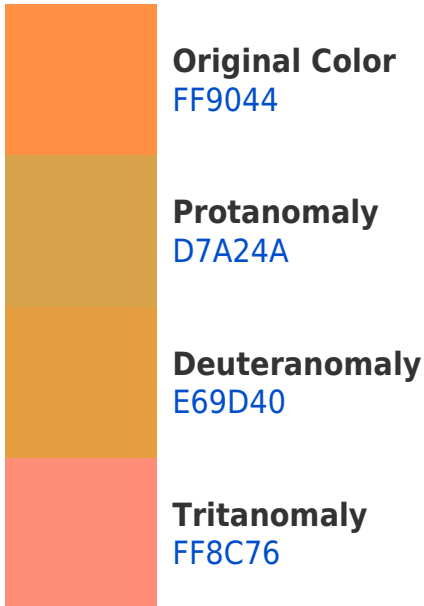
Protanopia
C0AD4D

Deuteranopia
D8A53E

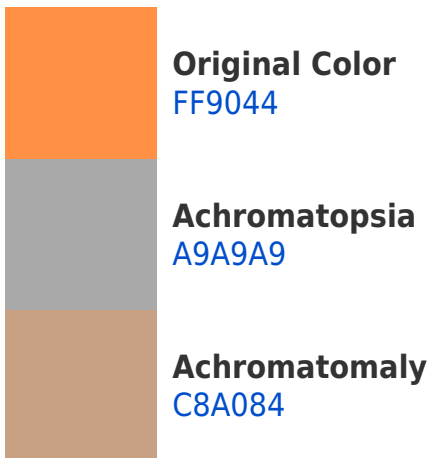


Tritanopia
FF8A93

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF9044 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 #FF9044 looks like.

```
.text, #text, p{  
    color:#FF9044  
}
```

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 #FF9044 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9044
}
```

Border

The CSS property to change the border of an element to Hex FF9044 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
#FF9044 }
```

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

```
.border{ border-color:#FF9044 }
```

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

Here you see how a box with a 4 pixel #FF9044 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9044; -webkit-box-shadow:4px 4px  
4px 4px #FF9044; box-shadow:4px 4px 4px  
4px #FF9044 }
```

Background

The CSS property to change the background color of an element to Hex FF9044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9044 }
```

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

```
.background{ background-color:#FF9044 }
```

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