

Converting Colors

Hex(FF9944)

Have a look what the booklet for
Hex(FF9944) contains.

Hex(FF9944)	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(F9944)

Conversions

Conversions Part 1

Format	Color
Hex	FF9944
RGB	255, 153, 68
RGB Percent	100%, 60%, 27%
CMY	0.0000, 0.4000, 0.7333
CMYK	0.00, 0.40, 0.73, 0.00
HSL	27°, 100%, 63%
HSV	27°, 73%, 100%
XYZ	53.6746, 44.4598, 11.2215
YIQ	173.8080, 88.0770, -4.8110

Conversions

Conversions Part 2

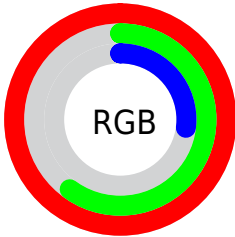
Format	Color
R_{YB}	255, 224, 68
Decimal	16750916
CIE _{Lab}	72.53, 31.67, 58.88
CIE _{LCh}	73, 66.853, 61.726
Yxy	44.4598, 0.4908, 0.4066
Android (android.graphics.Color)	4294940996 (0xFFFF9944)
YUV	173.8080, -52.1633, 71.2054
Hunter-Lab	66.6782, 27.0021, 36.6966

Details

The Hex color **FF9944** 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 **44AAFF**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFD078**, and **C16509** is the 20% darker color. If you saturate the color by 10%, you get **FF8B2A**, and if you desaturate by 10%, it is **FFA75D**.

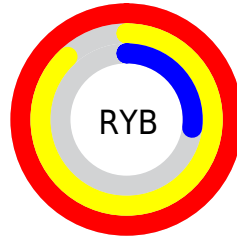
Distribution



Red (100%)

Green (60%)

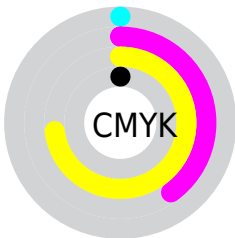
Blue (27%)



Red (100%)

Yellow (88%)

Blue (27%)

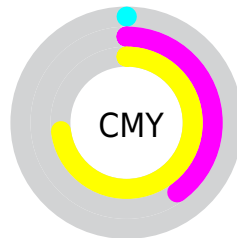


Cyan (0%)

Magenta (40%)

Yellow (73%)

Black (0%)



Cyan (0%)

Magenta (40%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF9944 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 FF9944 by changing the saturation by 10% instead.

 FF9944

 FF9944

FFFFFF

 E07F29

 FFD078

 C16509

 FFEC93

 A24C00

 FFFFAF

 843400

 FFFF CB

 661C00

 FFFF E8

 4A0200

 300000

 000000

 FF9944

 FF9944

FF8B2A

FFA75D

FF7D11

FFB577

FF7400

FFC391

FFD1AA

FFDFC3

FFECDD

FFFAF6

FFFFFF

Harmonies

Analogous

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



FF8275



FF9944



CFB02A

Triad

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



FF9944



00CFB4



B7A0FF

Complementary

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



FF9944



44AAFF

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.



00B8FF



FF9944



00CEF1

Square

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



FF9944



2CCB75



00C7FF



FF86ED

Rectangle

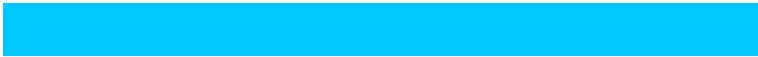
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF9944



A7BC35



00C7FF



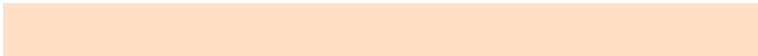
94A9FF

Sweetspot

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



FF9944



FFE0C7



FF44AB



806D5E



000000



808080

Same Dimension

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



FF9944



FF851F



FFF644



807973



BF5700



401D00

Inverse Universe

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



44AAFF



1F99FF



444DFF



737A80



0068BF



002340

Previews

White Background



This preview shows how the Hex color FF9944 looks on a white background.

Color Contrast Check

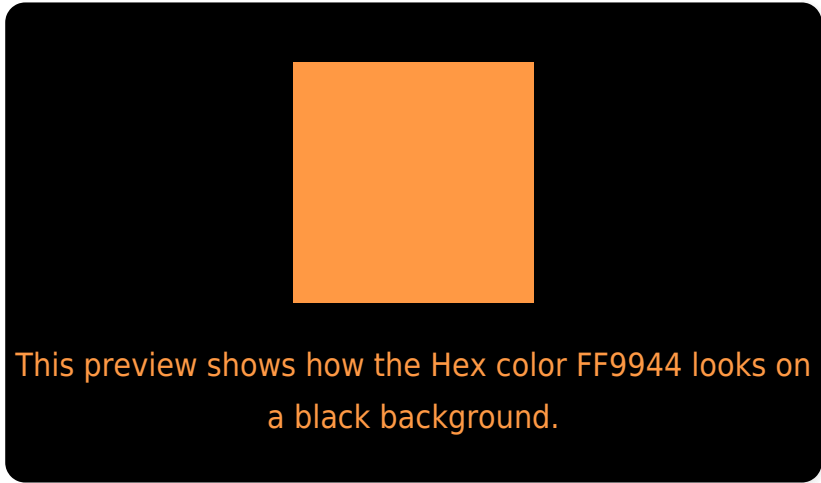
Large Text (above 18pt) WCAG AA × Fail

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

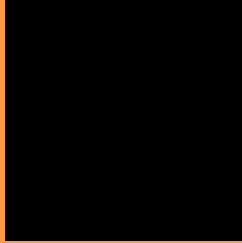
Any Text WCAG AA ✓ Pass

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 FF9944 Background



This preview shows how black text looks on a background with the Hex color FF9944.

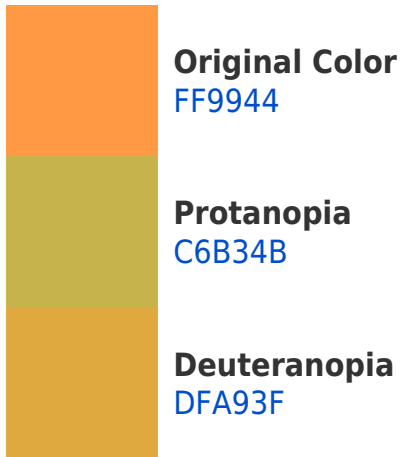



This preview shows how white text looks on a background with the Hex color FF9944.

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](#).

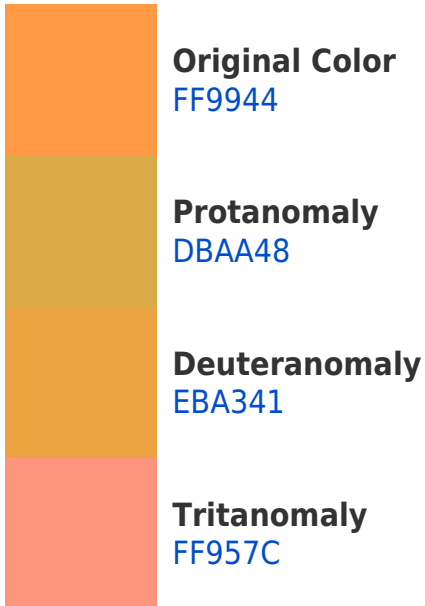
Dichromacy



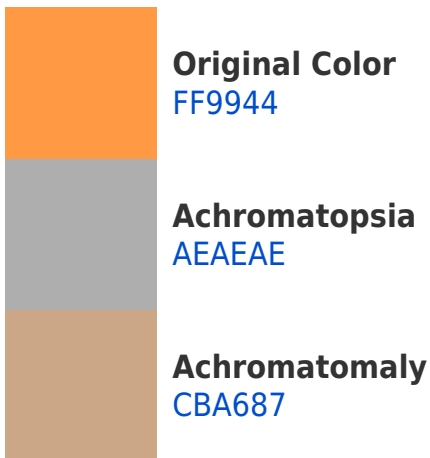


Tritanopia
FF939C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF9944 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 #FF9944 looks like.

```
.text, #text, p{  
    color:#FF9944  
}
```

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 #FF9944 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9944
}
```

Border

The CSS property to change the border of an element to Hex FF9944 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
#FF9944 }
```

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

```
.border{ border-color:#FF9944 }
```

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

Here you see how a box with a 4 pixel #FF9944 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9944; -webkit-box-shadow:4px 4px  
4px 4px #FF9944; box-shadow:4px 4px 4px  
4px #FF9944 }
```

Background

The CSS property to change the background color of an element to Hex FF9944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9944 }
```

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

```
.background{ background-color:#FF9944 }
```

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