

Converting Colors

Hex(FD9644)

Have a look what the booklet for
Hex(FD9644) contains.

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Color

Hex(FD9644)

Conversions

Conversions Part 1

Format	Color
Hex	FD9644
RGB	253, 150, 68
RGB Percent	99%, 59%, 27%
CMY	0.0078, 0.4118, 0.7333
CMYK	0.00, 0.41, 0.73, 0.01
HSL	27°, 98%, 63%
HSV	27°, 73%, 99%
XYZ	52.4577, 43.1127, 11.0256
YIQ	171.4490, 87.7100, -3.6660

Conversions

Conversions Part 2

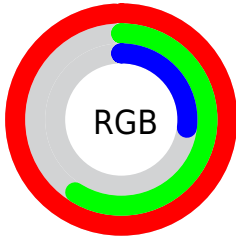
Format	Color
R _Y B	253, 215, 68
Decimal	16619076
CIE Lab	71.63, 32.41, 57.87
CIE LCh	72, 66.328, 60.746
Yxy	43.1127, 0.4921, 0.4044
Android (android.graphics.Color)	4294809156 (0xFFFD9644)
YUV	171.4490, -51.0004, 71.5202
Hunter-Lab	65.6603, 27.7030, 36.0063

Details

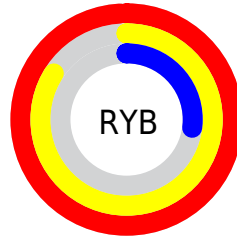
The Hex color **FD9644** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **44ABFD**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFCD78**, and **BF620A** is the 20% darker color. If you saturate the color by 10%, you get **FD882B**, and if you desaturate by 10%, it is **FDA45D**.

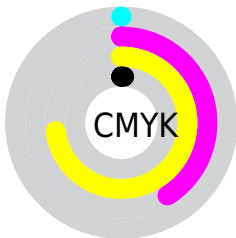
Distribution



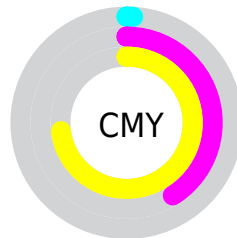
- Red (99%)
- Green (59%)
- Blue (27%)



- Red (99%)
- Yellow (84%)
- Blue (27%)



- Cyan (0%)
- Magenta (41%)
- Yellow (73%)
- Black (1%)



- Cyan (1%)
- Magenta (41%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD9644 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 FD9644 by changing the saturation by 10% instead.

 FD9644

 FD9644

FFFFFF

 DE7C2A

 FFCD78

 BF620A

 FFE993

 A04900

 FFFFAE

 823100

 FFFF00

 651900

 FFFF00

 480000

 2F0001

 000000

 FD9644

 FD9644

 FD882B

 FDA45D

 FD7A11

 FDB277

 FD7000

 FDC090

 FDCEA9

 FDDCC3

 FDEBDC

 FDF9F5

 FDFFFF

Harmonies

Analogous

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



FF7F75



FD9644



CEAD29

Triad

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



FD9644



00CCAF



B29FFF

Complementary

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



FD9644



44ABFD

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.



00B6FF



FD9644



00CCEC

Square

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



FD9644



31C871



00C5FF



FA85EC

Rectangle

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



FD9644



A7B933



00C5FF



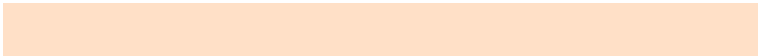
8EA7FF

Sweetspot

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



FD9644



FFE0C7



FD44AD



806D5E



000000



808080

Same Dimension

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



FD9644



FF821F



FDF144



807873



BF5500



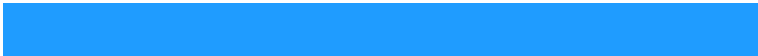
401C00

Inverse Universe

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



44ABFD



1F9CFF



4450FD



737A80



006ABF



002340

Previews

White Background



This preview shows how the Hex color FD9644 looks on a white background.

Color Contrast Check

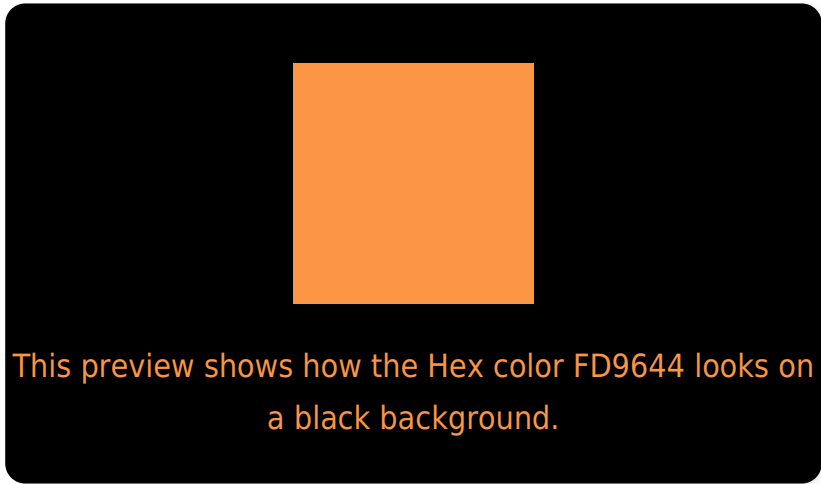
Large Text (above 18pt) WCAG AA × Fail

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 FD9644 Background



This preview shows how black text looks on a background with the Hex color FD9644.

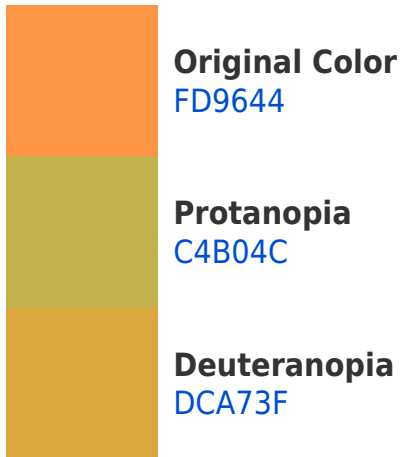


This preview shows how white text looks on a background with the Hex color FD9644.

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](#).

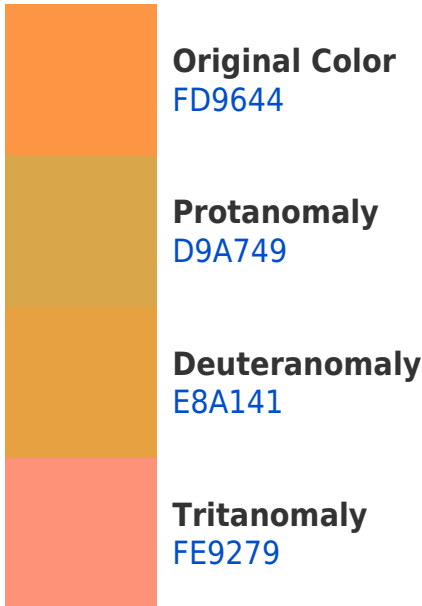
Dichromacy



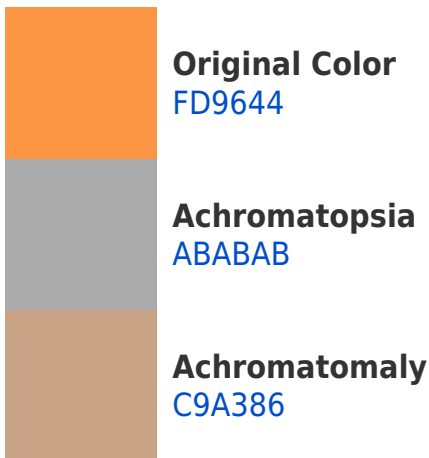


Tritanopia
FF8F98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FD9644 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 #FD9644 looks like.

```
.text, #text, p{  
    color:#FD9644  
}
```

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 #FD9644 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD9644
}
```

Border

The CSS property to change the border of an element to Hex FD9644 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
#FD9644 }
```

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

```
.border{ border-color:#FD9644 }
```

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

Here you see how a box with a 4 pixel #FD9644 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD9644; -webkit-box-shadow:4px 4px  
4px 4px #FD9644; box-shadow:4px 4px 4px  
4px #FD9644 }
```

Background

The CSS property to change the background color of an element to Hex FD9644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD9644 }
```

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

```
.background{ background-color:#FD9644 }
```

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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