

Converting Colors

Hex(FF9972)

Have a look what the booklet for
Hex(FF9972) contains.

Hex(FF9972)	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(F9972)

Conversions

Conversions Part 1

Format	Color
Hex	FF9972
RGB	255, 153, 114
RGB Percent	100%, 60%, 45%
CMY	0.0000, 0.4000, 0.5529
CMYK	0.00, 0.40, 0.55, 0.00
HSL	17°, 100%, 72%
HSV	17°, 55%, 100%
XYZ	55.6685, 45.2574, 21.7211
YIQ	179.0520, 73.3110, 9.4950

Conversions

Conversions Part 2

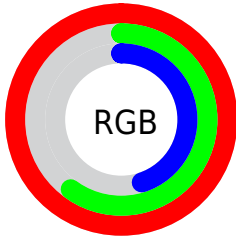
Format	Color
RYB	255, 168, 114
Decimal	16750962
CIELab	73.06, 34.45, 36.69
CIELCh	73, 50.333, 46.802
Yxy	45.2574, 0.4539, 0.3690
Android (android.graphics.Color)	4294941042 (0xFFFF9972)
YUV	179.0520, -32.0706, 66.6064
Hunter-Lab	67.2736, 29.9789, 27.9482

Details

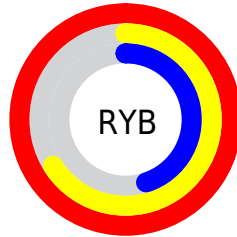
The Hex color **FF9972** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **72D8FF**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFD0A6**, and **C26541** is the 20% darker color. If you saturate the color by 10%, you get **FF8759**, and if you desaturate by 10%, it is **FFAB8C**.

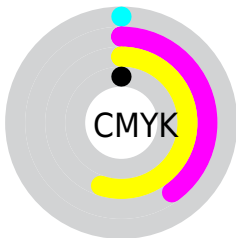
Distribution



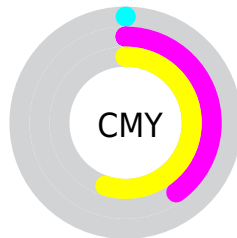
- Red (100%)
- Green (60%)
- Blue (45%)



- Red (100%)
- Yellow (66%)
- Blue (45%)



- Cyan (0%)
- Magenta (40%)
- Yellow (55%)
- Black (0%)



- Cyan (0%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF9972 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 FF9972 by changing the saturation by 10% instead.

 FF9972

 FF9972

FFFFFF

 E07E59

 FFD0A6

 C26541

 FFE0C2

 A44B2A

 FFFFDE

 873313

 FFFFFB

 6B1A00

 4E0000

 340000

 0C0000

 000000

 FF9972

 FF9972

 FF8759

 FFAB8C

 FF743F

 FFBEA5

 FF6225

 FFD0BF

 FF4F0C

 FFE3D8

 FF4700

 FFF5F2

FFFFFF

Harmonies

Analogous

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



FF8E9B



FF9972



E1AA58

Triad

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



FF9972



35CA9D



96AFFF

Complementary

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



FF9972



72D8FF

Split Complementary

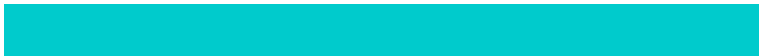
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



1EBEFF



FF9972



00CBCC

Square

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



FF9972



81C472



00C7F5



D89DF3

Rectangle

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



FF9972



C5B455



00C7F5



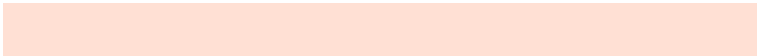
79B5FF

Sweetspot

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



FF9972



FFE0D4



FF72D9



806D66



000000



808080

Same Dimension

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



FF9972



FF8557



FFDE72



807673



BF3500



401200

Inverse Universe

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



72D8FF



57D0FF



7293FF



737C80



008ABF



002E40

Previews

White Background



This preview shows how the Hex color FF9972 looks on a white background.

Color Contrast Check

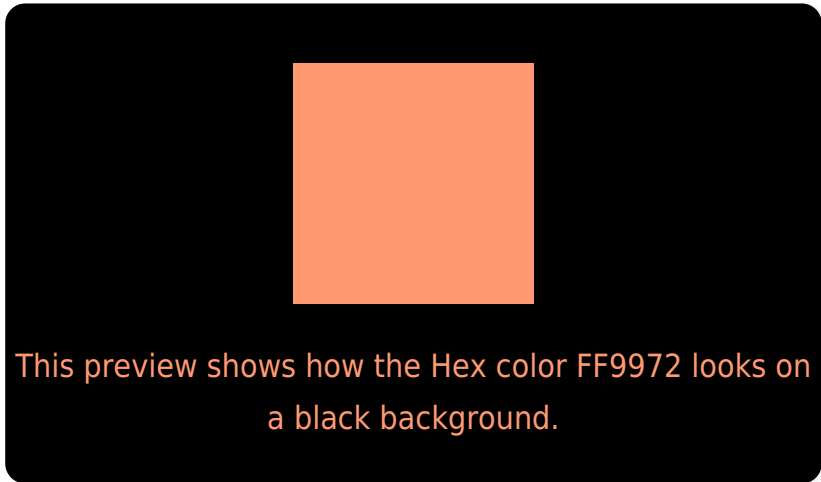
Large Text (above 18pt) WCAG AA × Fail

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 FF9972 Background



This preview shows how black text looks on a background with the Hex color FF9972.

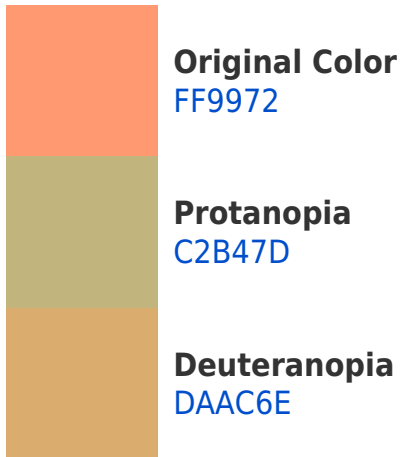


This preview shows how white text looks on a background with the Hex color FF9972.

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](#).

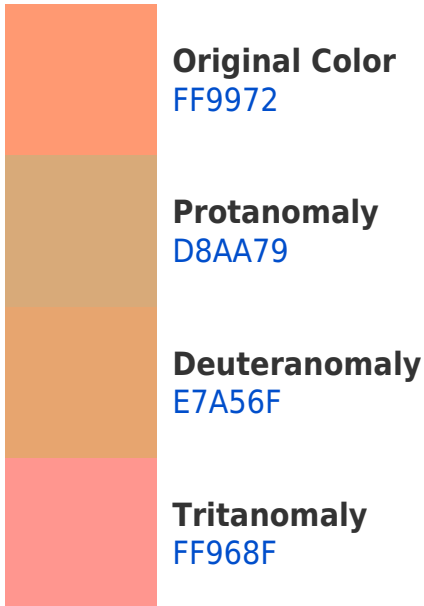
Dichromacy



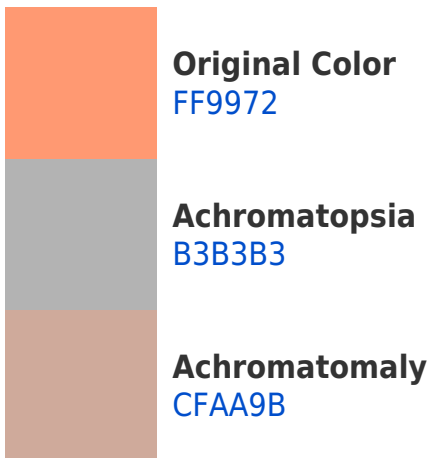


Tritanopia
FF959F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF9972 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 #FF9972 looks like.

```
.text, #text, p{  
    color:#FF9972  
}
```

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 #FF9972 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9972
}
```

Border

The CSS property to change the border of an element to Hex FF9972 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
#FF9972 }
```

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

```
.border{ border-color:#FF9972 }
```

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

Here you see how a box with a 4 pixel #FF9972 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9972; -webkit-box-shadow:4px 4px  
4px 4px #FF9972; box-shadow:4px 4px 4px  
4px #FF9972 }
```

Background

The CSS property to change the background color of an element to Hex FF9972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9972 }
```

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

```
.background{ background-color:#FF9972 }
```

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