

Converting Colors

Hex(FF9952)

Have a look what the booklet for
Hex(FF9952) contains.

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Color

Hex(F9952)

Conversions

Conversions Part 1

Format	Color
Hex	FF9952
RGB	255, 153, 82
RGB Percent	100%, 60%, 32%
CMY	0.0000, 0.4000, 0.6784
CMYK	0.00, 0.40, 0.68, 0.00
HSL	25°, 100%, 66%
HSV	25°, 68%, 100%
XYZ	54.1542, 44.6517, 13.7470
YIQ	175.4040, 83.5830, -0.4570

Conversions

Conversions Part 2

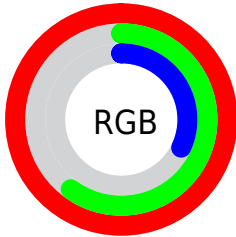
Format	Color
R_{YB}	255, 202, 82
Decimal	16750930
CIE _{Lab}	72.66, 32.35, 52.53
CIE _{LCh}	73, 61.692, 58.378
Yxy	44.6517, 0.4811, 0.3967
Android (android.graphics.Color)	4294941010 (0xFFFF9952)
YUV	175.4040, -46.0482, 69.8057
Hunter-Lab	66.8219, 27.7228, 34.5778

Details

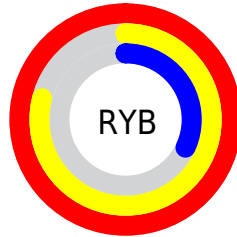
The Hex color **FF9952** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **52B8FF**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFD086**, and **C1651F** is the 20% darker color. If you saturate the color by 10%, you get **FF8A39**, and if you desaturate by 10%, it is **FFA86B**.

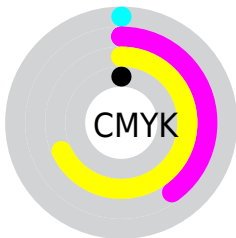
Distribution



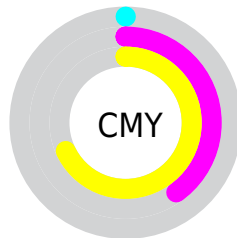
- Red (100%)
- Green (60%)
- Blue (32%)



- Red (100%)
- Yellow (79%)
- Blue (32%)



- Cyan (0%)
- Magenta (40%)
- Yellow (68%)
- Black (0%)



- Cyan (0%)
- Magenta (40%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF9952 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 FF9952 by changing the saturation by 10% instead.

 FF9952

 FF9952

FFFFFF

 E07F39

 FFD086

 C1651F

 FFEDA1

 A34C00

 FFFFBC

 853400

 FFFFD9

 681C00

 FFFFF5

 4B0100

 310000

 020000

 000000

FF9952

FF9952

FF8A39

FFA86B

FF7B1F

FFB785

FF6C06

FFC69F

FF6900

FFD5B8

FFE4D2

FFF3EB

FFFFFF

Harmonies

Analogous

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



FF8580



FF9952



D4AE3A

Triad

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



FF9952



00CEAD



AFA5FF

Complementary

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



FF9952



52B8FF

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.



00B9FF



FF9952



00CDE6

Square

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



FF9952



4FC974



00C7FF



F48DEE

Rectangle

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



FF9952



B0BA3F



00C7FF



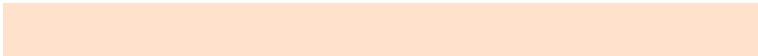
8EACFF

Sweetspot

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



FF9952



FFE1CC



FF52BA



806D61



000000



808080

Same Dimension

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



FF9952



FF8530



FFEE52



807873



BF4E00



401A00

Inverse Universe

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



52B8FF



30AAFF



5263FF



737A80



0071BF



002640

Previews

White Background



This preview shows how the Hex color FF9952 looks on a white background.

Color Contrast Check

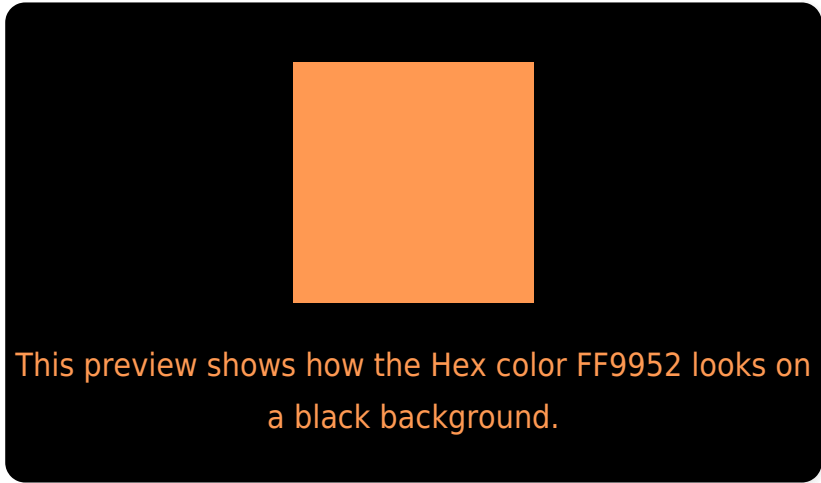
Large Text (above 18pt) WCAG AA × Fail

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 FF9952 Background



This preview shows how black text looks on a background with the Hex color FF9952.



This preview shows how white text looks on a background with the Hex color FF9952.

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
FF9952

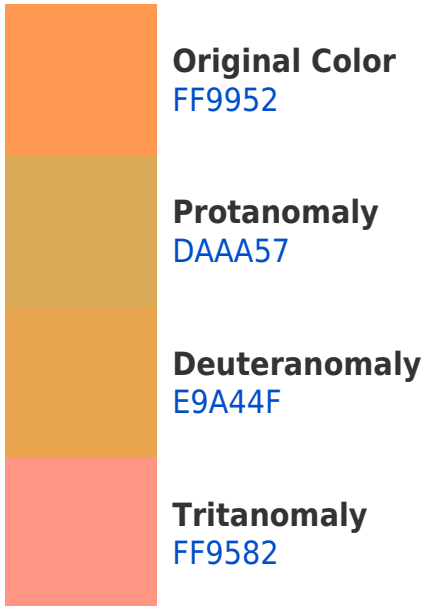
Protanopia
C5B35A

Deuteranopia
DDAA4E

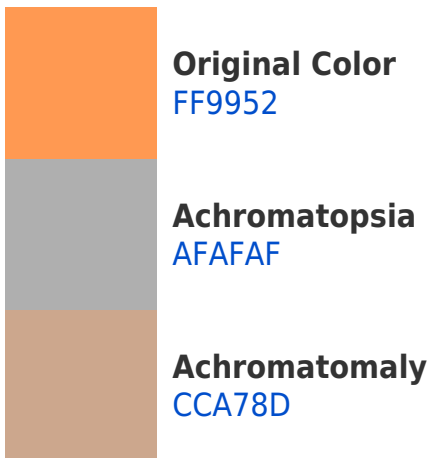


Tritanopia
FF939D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF9952 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 #FF9952 looks like.

```
.text, #text, p{  
    color:#FF9952  
}
```

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 #FF9952 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9952
}
```

Border

The CSS property to change the border of an element to Hex FF9952 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
#FF9952 }
```

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

```
.border{ border-color:#FF9952 }
```

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

Here you see how a box with a 4 pixel #FF9952 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9952; -webkit-box-shadow:4px 4px  
4px 4px #FF9952; box-shadow:4px 4px 4px  
4px #FF9952 }
```

Background

The CSS property to change the background color of an element to Hex FF9952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9952 }
```

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

```
.background{ background-color:#FF9952 }
```

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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