

Converting Colors

Hex(FF9A49)

Have a look what the booklet for
Hex(FF9A49) contains.

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Color

Hex(FE9A49)

Conversions

Conversions Part 1

Format	Color
Hex	FF9A49
RGB	255, 154, 73
RGB Percent	100%, 60%, 29%
CMY	0.0000, 0.3961, 0.7137
CMYK	0.00, 0.40, 0.71, 0.00
HSL	27°, 100%, 64%
HSV	27°, 71%, 100%
XYZ	53.9982, 44.8522, 12.1147
YIQ	174.9650, 86.1970, -3.7790

Conversions

Conversions Part 2

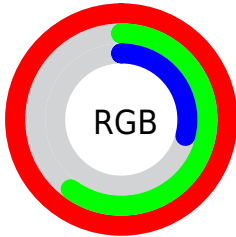
Format	Color
RYB	255, 219, 73
Decimal	16751177
CIELab	72.79, 31.38, 56.90
CIElCh	73, 64.978, 61.126
Yxy	44.8522, 0.4866, 0.4042
Android (android.graphics.Color)	4294941257 (0xFFFF9A49)
YUV	174.9650, -50.2687, 70.1907
Hunter-Lab	66.9718, 26.7207, 36.1552

Details

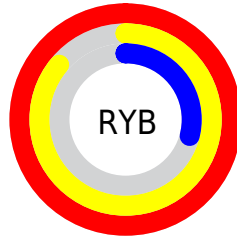
The Hex color **FF9A49** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **49AEFF**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFD17D**, and **C16612** is the 20% darker color. If you saturate the color by 10%, you get **FF8C30**, and if you desaturate by 10%, it is **FFA862**.

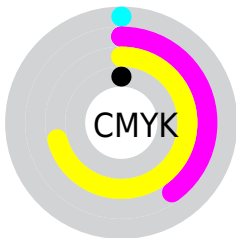
Distribution



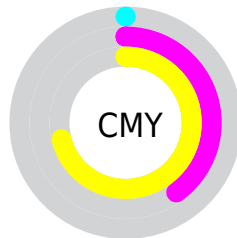
- Red (100%)
- Green (60%)
- Blue (29%)



- Red (100%)
- Yellow (86%)
- Blue (29%)



- Cyan (0%)
- Magenta (40%)
- Yellow (71%)
- Black (0%)



- Cyan (0%)
- Magenta (40%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF9A49 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 FF9A49 by changing the saturation by 10% instead.

 FF9A49

 FF9A49

FFFFFF

 E0802F

 FFD17D

 C16612

 FFED98

 A24D00

 FFFFB4

 853500

 FFFF00

 671D00

 FFFFED

 4A0300

 310000

 010000

 000000

 FF9A49

 FF9A49

 FF8C30

 FFA862

 FF7E16

 FFB67C

 FF7100

 FFC495

 FFD3AF

 FFE1C9

 FFEFE2

 FFFDFB

FFFFFF

Harmonies

Analogous

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



FF8479



FF9A49



D0B031

Triad

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



FF9A49



00CFB3



B7A2FF

Complementary

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



FF9A49



49AEFF

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.



07B9FF



FF9A49



00CEEF

Square

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



FF9A49



39CB76



00C7FF



FD89ED

Rectangle

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



FF9A49



AABC3A



00C7FF



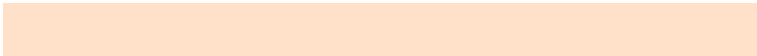
95AAFF

Sweetspot

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



FF9A49



FFE1C9



FF49B0



806E60



000000



808080

Same Dimension

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



FF9A49



FF8524



FFF349



807873



BF5500



401C00

Inverse Universe

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



49AEFF



249DFF



4955FF



737A80



006ABF



002340

Previews

White Background



This preview shows how the Hex color FF9A49 looks on a white background.

Color Contrast Check

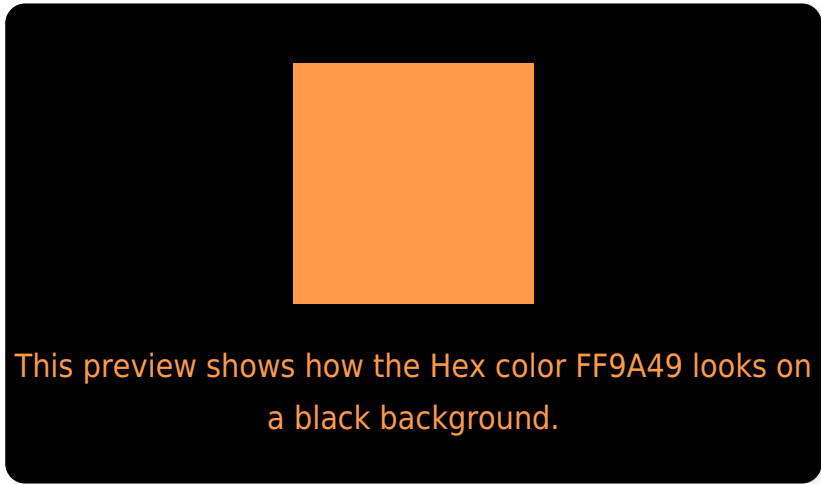
Large Text (above 18pt) WCAG AA × Fail

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 FF9A49 Background



This preview shows how black text looks on a background with the Hex color FF9A49.



This preview shows how white text looks on a background with the Hex color FF9A49.

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
FF9A49

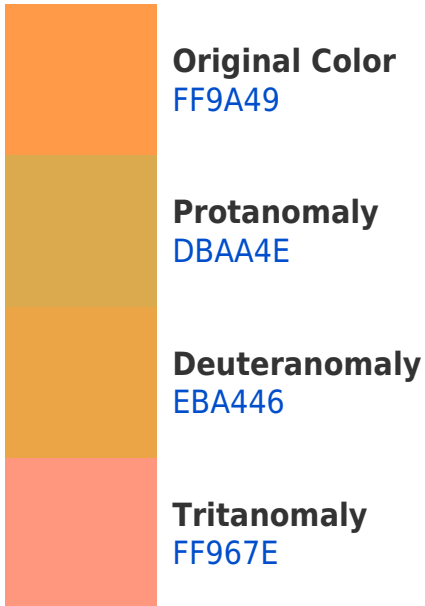
Protanopia
C7B351

Deuteranopia
DFAA45

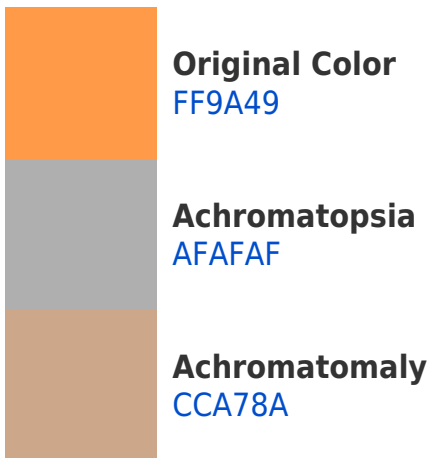


Tritanopia
FF949D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF9A49 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 #FF9A49 looks like.

```
.text, #text, p{  
    color:#FF9A49  
}
```

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 #FF9A49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9A49
}
```

Border

The CSS property to change the border of an element to Hex FF9A49 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
#FF9A49 }
```

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

```
.border{ border-color:#FF9A49 }
```

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

Here you see how a box with a 4 pixel #FF9A49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9A49; -webkit-box-shadow:4px 4px  
4px 4px #FF9A49; box-shadow:4px 4px 4px  
4px #FF9A49 }
```

Background

The CSS property to change the background color of an element to Hex FF9A49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9A49 }
```

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

```
.background{ background-color:#FF9A49 }
```

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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