

Converting Colors

Hex(FF9E52)

Have a look what the booklet for
Hex(FF9E52) contains.

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Color

Hex(FE9E52)

Conversions

Conversions Part 1	
Format	Color
Hex	FF9E52
RGB	255, 158, 82
RGB Percent	100%, 62%, 32%
CMY	0.0000, 0.3804, 0.6784
CMYK	0.00, 0.38, 0.68, 0.00
HSL	26°, 100%, 66%
HSV	26°, 68%, 100%
XYZ	54.9899, 46.3229, 14.0256
YIQ	178.3390, 82.2080, -3.0720

Conversions

Conversions Part 2

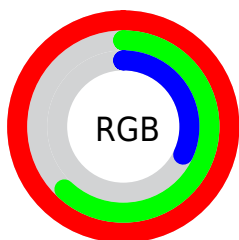
Format	Color
RYB	255, 218, 82
Decimal	16752210
CIELab	73.75, 29.76, 53.74
CIELCh	74, 61.431, 61.026
Yxy	46.3229, 0.4768, 0.4016
Android (android.graphics.Color)	4294942290 (0xFFFF9E52)
YUV	178.3390, -47.4951, 67.2317
Hunter-Lab	68.0609, 25.1125, 35.4245

Details

The Hex color **FF9E52** 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 **52B3FF**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFD586**, and **C16A1E** is the 20% darker color. If you saturate the color by 10%, you get **FF9039**, and if you desaturate by 10%, it is **FFAC6B**.

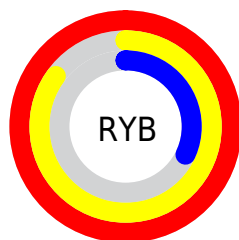
Distribution



Red (100%)

Green (62%)

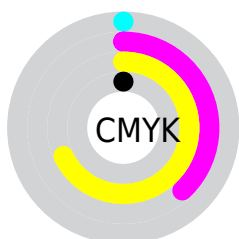
Blue (32%)



Red (100%)

Yellow (85%)

Blue (32%)

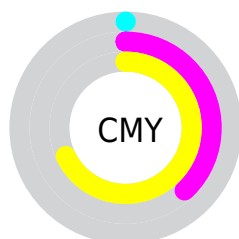


Cyan (0%)

Magenta (38%)

Yellow (68%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF9E52 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 FF9E52 by changing the saturation by 10% instead.

 FF9E52

FFFFFF

 FFD586

 FFF2A1

 FFFFBD

 FFFFD9

 FFFFF6

 FF9E52

 E08439

 C16A1E

 A35100

 853900

 682100

 4B0900

 310000

 070000

 000000

 FF9E52

 FF9E52

 FF9039

 FFAC6B

 FF811F

 FFBB85

 FF7306

 FFC99F

 FF7000

 FFD7B8

 FFE5D2

 FFF4EB

FFFFFF

Harmonies

Analogous

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



FF8A7E



FF9E52



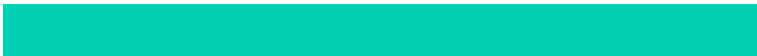
D2B33D

Triad

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



FF9E52



00D1B5



BAA6FF

Complementary

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



FF9E52



52B3FF

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.



39BBFF



FF9E52



00D0EE

Square

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



FF9E52



49CD7C



00C9FF



FC8FED

Rectangle

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



FF9E52



AEBE45



00C9FF



9AADFF

Sweetspot

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



FF9E52



FFE2CC



FF52B4



806E61



000000



808080

Same Dimension

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



FF9E52



FF8B30



FFF352



807873



BF5400



401C00

Inverse Universe

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



52B3FF



30A4FF



525EFF



737A80



006BBF



002440

Previews

White Background



This preview shows how the Hex color FF9E52 looks on a white background.

Color Contrast Check

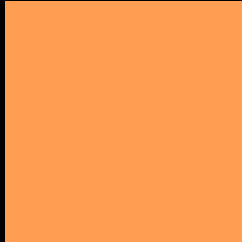
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color FF9E52 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

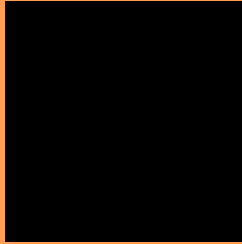
Any Text WCAG AA ✓ Pass

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 FF9E52 Background



This preview shows how black text looks on a background with the Hex color FF9E52.



This preview shows how white text looks on a background with the Hex color FF9E52.

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
FF9E52





Protanopia
C9B65A

Deuteranopia
E1AD4E


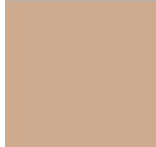


Tritanopia
FF98A2

Trichromacy

	Original Color FF9E52
	Protanomaly DDAD57
	Deuteranomaly ECA84F
	Tritanomaly FF9A85

Monochromacy

	Original Color FF9E52
	Achromatopsia B2B2B2
	Achromatomaly CEAB8F

CSS Examples

Text

The CSS property to change the color of the text to Hex FF9E52 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 #FF9E52 looks like.

```
.text, #text, p{  
    color:#FF9E52  
}
```

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 #FF9E52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9E52
}
```

Border

The CSS property to change the border of an element to Hex FF9E52 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
#FF9E52 }
```

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

```
.border{ border-color:#FF9E52 }
```

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

Here you see how a box with a 4 pixel #FF9E52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9E52; -webkit-box-shadow:4px 4px  
4px 4px #FF9E52; box-shadow:4px 4px 4px  
4px #FF9E52 }
```

Background

The CSS property to change the background color of an element to Hex FF9E52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9E52 }
```

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

```
.background{ background-color:#FF9E52 }
```

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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