

Converting Colors

Hex(FF9D53)

Have a look what the booklet for
Hex(FF9D53) contains.

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Color

Hex(FE9D53)

Conversions

Conversions Part 1

Format	Color
Hex	FF9D53
RGB	255, 157, 83
RGB Percent	100%, 62%, 33%
CMY	0.0000, 0.3843, 0.6745
CMYK	0.00, 0.38, 0.67, 0.00
HSL	26°, 100%, 66%
HSV	26°, 67%, 100%
XYZ	54.8583, 45.9985, 14.1709
YIQ	177.8660, 82.1620, -2.2380

Conversions

Conversions Part 2

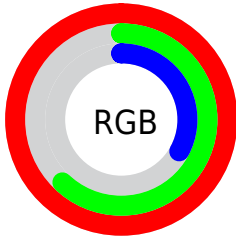
Format	Color
R_{YB}	255, 213, 83
Decimal	16751955
CIE _{Lab}	73.54, 30.33, 53.03
CIE _{LCh}	74, 61.094, 60.234
Yxy	45.9985, 0.4769, 0.3999
Android (android.graphics.Color)	4294942035 (0xFFFF9D53)
YUV	177.8660, -46.7689, 67.6465
Hunter-Lab	67.8222, 25.6918, 35.0874

Details

The Hex color **FF9D53** 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 **53B5FF**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFD487**, and **C16920** is the 20% darker color. If you saturate the color by 10%, you get **FF8E39**, and if you desaturate by 10%, it is **FFAC6C**.

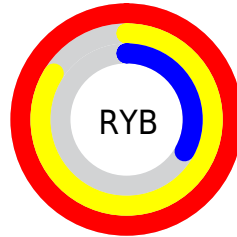
Distribution



Red (100%)

Green (62%)

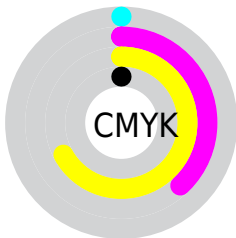
Blue (33%)



Red (100%)

Yellow (84%)

Blue (33%)

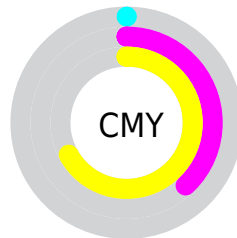


Cyan (0%)

Magenta (38%)

Yellow (67%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF9D53 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 FF9D53 by changing the saturation by 10% instead.

 FF9D53

 FF9D53

FFFFFF

 E0833A

 FFD487

 C16920

 FFF1A2

 A35000

 FFFFBE

 853800

 FFFFDA

 682000

 FFFFF7

 4B0700

 310000

 070000

 000000

 FF9D53

 FF9D53

 FF8E39

 FFAC6C

 FF8020

 FFBA86

 FF7107

 FFC9A0

 FF6E00

 FFD7B9

 FFE6D3

 FFF4EC

FFFFFF

Harmonies

Analogous

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



FF897F



FF9D53



D3B23D

Triad

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



FF9D53



00D0B3



B7A6FF

Complementary

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



FF9D53



53B5FF

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.



33BBFF



FF9D53



00CFEC

Square

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



FF9D53



4CCC7B



00C9FF



F98FED

Rectangle

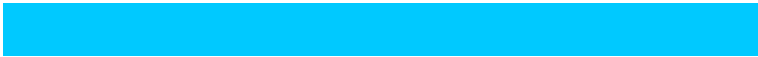
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF9D53



AFBD44



00C9FF



97ADFF

Sweetspot

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



FF9D53



FFE2CC



FF53B7



806E61



000000



808080

Same Dimension

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



FF9D53



FF8930



FFF153



807873



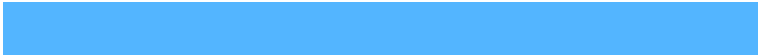
BF5200



401B00

Inverse Universe

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



53B5FF



30A6FF



5361FF



737A80



006DBF



002440

Previews

White Background



This preview shows how the Hex color FF9D53 looks on a white background.

Color Contrast Check

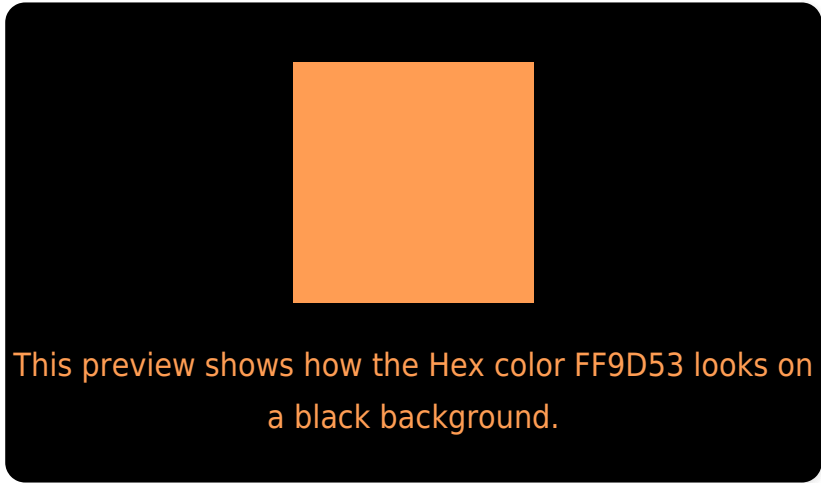
Large Text (above 18pt) WCAG AA × Fail

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

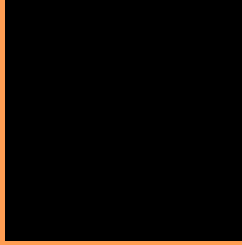
Any Text WCAG AA ✓ Pass

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 FF9D53 Background



This preview shows how black text looks on a background with the Hex color FF9D53.

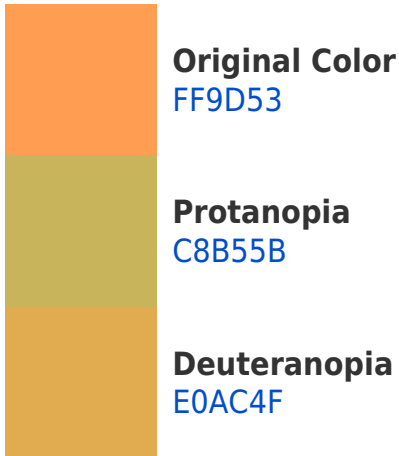


This preview shows how white text looks on a background with the Hex color FF9D53.

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](#).

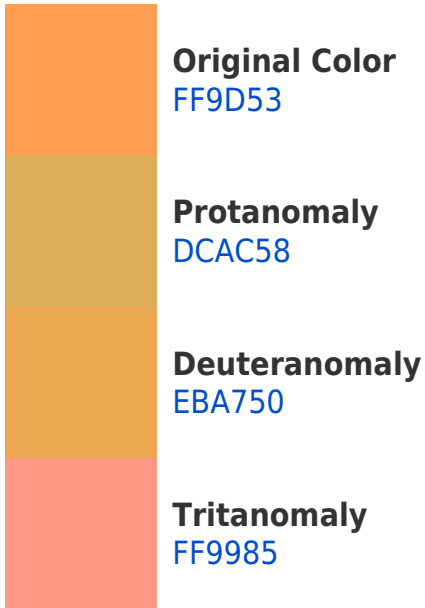
Dichromacy



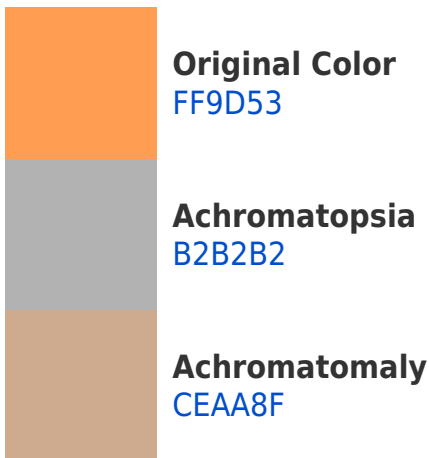


Tritanopia
FF97A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF9D53 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 #FF9D53 looks like.

```
.text, #text, p{  
    color:#FF9D53  
}
```

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 #FF9D53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9D53
}
```

Border

The CSS property to change the border of an element to Hex FF9D53 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
#FF9D53 }
```

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

```
.border{ border-color:#FF9D53 }
```

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

Here you see how a box with a 4 pixel #FF9D53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9D53; -webkit-box-shadow:4px 4px  
4px 4px #FF9D53; box-shadow:4px 4px 4px  
4px #FF9D53 }
```

Background

The CSS property to change the background color of an element to Hex FF9D53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9D53 }
```

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

```
.background{ background-color:#FF9D53 }
```

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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