

Converting Colors

Hex(FF9856)

Have a look what the booklet for
Hex(FF9856) contains.

Hex(FF9856)	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(F9856)

Conversions

Conversions Part 1

Format	Color
Hex	FF9856
RGB	255, 152, 86
RGB Percent	100%, 60%, 34%
CMY	0.0000, 0.4039, 0.6627
CMYK	0.00, 0.40, 0.66, 0.00
HSL	23°, 100%, 67%
HSV	23°, 66%, 100%
XYZ	54.1480, 44.3884, 14.5180
YIQ	175.2730, 82.5740, 1.3100

Conversions

Conversions Part 2

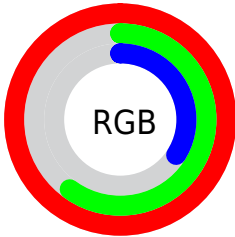
Format	Color
RYB	255, 194, 86
Decimal	16750678
CIELab	72.49, 33.08, 50.39
CIElCh	72, 60.279, 56.713
Yxy	44.3884, 0.4790, 0.3926
Android (android.graphics.Color)	4294940758 (0xFFFF9856)
YUV	175.2730, -44.0116, 69.9206
Hunter-Lab	66.6246, 28.4797, 33.7175

Details

The Hex color **FF9856** 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 **56BDFF**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFCF8A**, and **C16424** is the 20% darker color. If you saturate the color by 10%, you get **FF883D**, and if you desaturate by 10%, it is **FFA870**.

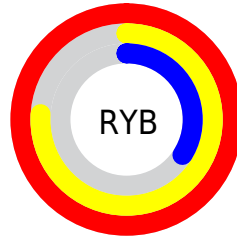
Distribution



Red (100%)

Green (60%)

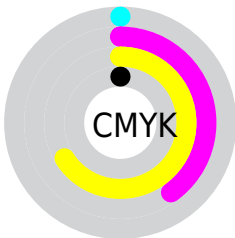
Blue (34%)



Red (100%)

Yellow (76%)

Blue (34%)

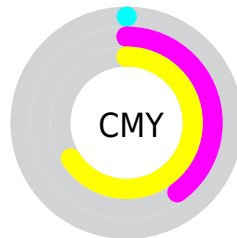


Cyan (0%)

Magenta (40%)

Yellow (66%)

Black (0%)



Cyan (0%)

Magenta (40%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF9856 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 FF9856 by changing the saturation by 10% instead.

 FF9856

 FF9856

FFFFFF

 E07E3D

 FFCF8A

 C16424

 FFECA5

 A34B07

 FFFFC0

 853300

 FFFFDD

 681A00

 FFFFFA

 4B0000

 310000

 020000

 000000

■ FF9856

■ FF9856

■ FF883D

■ FFA870

■ FF7923

■ FFB789

■ FF690A

■ FFC7A3

■ FF6400

■ FFD6BC

■ FFE6D6

■ FFF5EF

FFFFFF

Harmonies

Analogous

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



FF8583



FF9856



D5AD3D

Triad

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



FF9856



00CCAA



AAA6FF

Complementary

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



FF9856



56BDFE

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.



00BAFF



FF9856



00CCE2

Square

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



FF9856



57C873



00C7FF



F08FEF

Rectangle

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



FF9856



B3B841



00C7FF



89ADFF

Sweetspot

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



FF9856



FFE0CC



FF56BE



806D61



000000



808080

Same Dimension

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



FF9856



FF8333



FFEB56



807873



BF4B00



401900

Inverse Universe

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



56BDFF



33AFFF



566AFF



737B80



0075BF



002740

Previews

White Background



This preview shows how the Hex color FF9856 looks on a white background.

Color Contrast Check

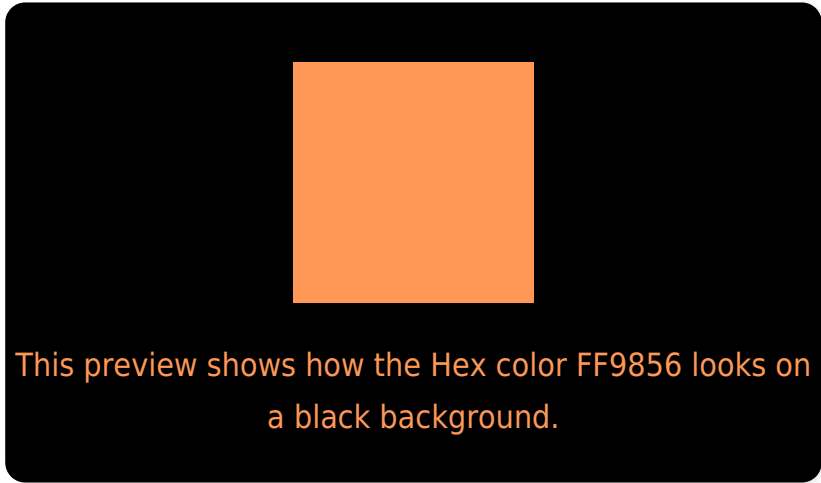
Large Text (above 18pt) WCAG AA × Fail

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 FF9856 Background



This preview shows how black text looks on a background with the Hex color FF9856.



This preview shows how white text looks on a background with the Hex color FF9856.

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
FF9856

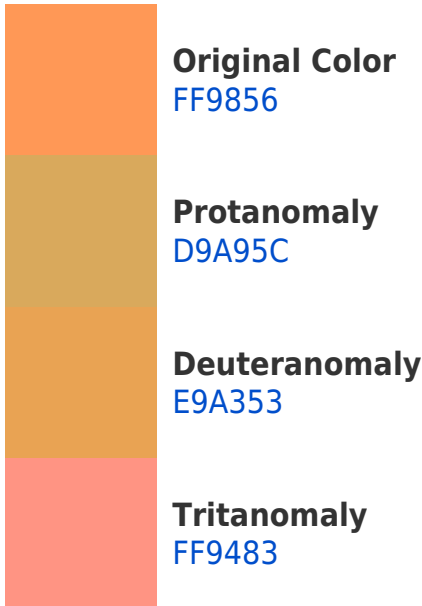
Protanopia
C4B25F

Deuteranopia
DCAA52

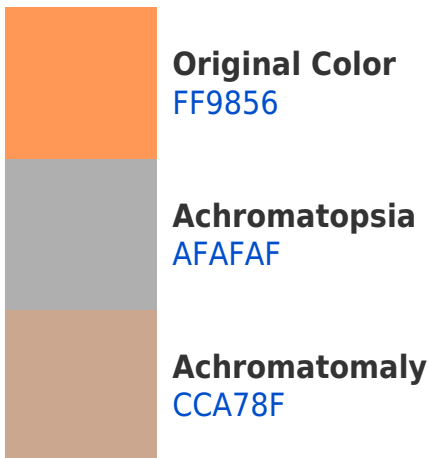


Tritanopia
FF929C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF9856 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 #FF9856 looks like.

```
.text, #text, p{  
    color:#FF9856  
}
```

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 #FF9856 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9856
}
```

Border

The CSS property to change the border of an element to Hex FF9856 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
#FF9856 }
```

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

```
.border{ border-color:#FF9856 }
```

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

Here you see how a box with a 4 pixel #FF9856 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9856; -webkit-box-shadow:4px 4px  
4px 4px #FF9856; box-shadow:4px 4px 4px  
4px #FF9856 }
```

Background

The CSS property to change the background color of an element to Hex FF9856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9856 }
```

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

```
.background{ background-color:#FF9856 }
```

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