

Converting Colors

Hex(FF946D)

Have a look what the booklet for
Hex(FF946D) contains.

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Color

Hex(FE946D)

Conversions

Conversions Part 1

Format	Color
Hex	FF946D
RGB	255, 148, 109
RGB Percent	100%, 58%, 43%
CMY	0.0000, 0.4196, 0.5725
CMYK	0.00, 0.42, 0.57, 0.00
HSL	16°, 100%, 71%
HSV	16°, 57%, 100%
XYZ	54.5902, 43.5439, 19.9956
YIQ	175.5470, 76.2910, 10.5550

Conversions

Conversions Part 2

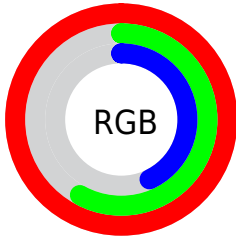
Format	Color
R _Y B	255, 162, 109
Decimal	16749677
CIE Lab	71.92, 36.64, 37.91
CIE LCh	72, 52.724, 45.974
Yxy	43.5439, 0.4621, 0.3686
Android (android.graphics.Color)	4294939757 (0xFFFF946D)
YUV	175.5470, -32.8077, 69.6803
Hunter-Lab	65.9878, 32.1903, 28.2255

Details

The Hex color **FF946D** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **6DD8FF**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFCBA1**, and **C2603C** is the 20% darker color. If you saturate the color by 10%, you get **FF8154**, and if you desaturate by 10%, it is **FFA787**.

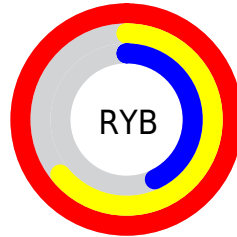
Distribution



Red (100%)

Green (58%)

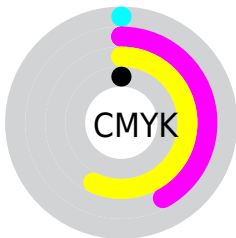
Blue (43%)



Red (100%)

Yellow (64%)

Blue (43%)

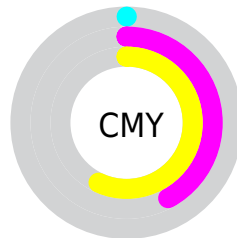


Cyan (0%)

Magenta (42%)

Yellow (57%)

Black (0%)



Cyan (0%)

Magenta (42%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF946D 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 FF946D by changing the saturation by 10% instead.

 FF946D

 FF946D

FFFFFF

 E07954

 FFCBA1

 C2603C

 FFE8BC

 A44625

 FFFFD8

 862E0E

 FFFFF5

 6A1300

 4D0000

 330001

 050000

 000000

 FF946D

 FF946D

 FF8154

 FFA787

 FF6F3A

 FFB9A0

 FF5C21

 FFCCBA

 FF4907

 FFDFD3

 FF4400

 FFF1ED

FFFFFF

Harmonies

Analogous

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



FF8898



FF946D



E0A651

Triad

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



FF946D



24C797



8EACFF

Complementary

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



FF946D



6DD8FF

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.



00BCFF



FF946D



00C9C9

Square

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



FF946D



7DC16B



00C5F4



D599F4

Rectangle

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



FF946D



C3B14D



00C5F4



6EB2FF

Sweetspot

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



FF946D



FFDFD4



FF6DD8



806D66



000000



808080

Same Dimension

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



FF946D



FF7E4F



FFDD6D



807673



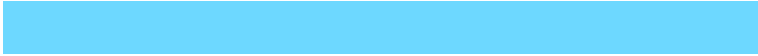
BF3300



401100

Inverse Universe

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



6DD8FF



4FD0FF



6D8FFF



737C80



008CBF



002F40

Previews

White Background



This preview shows how the Hex color FF946D looks on a white background.

Color Contrast Check

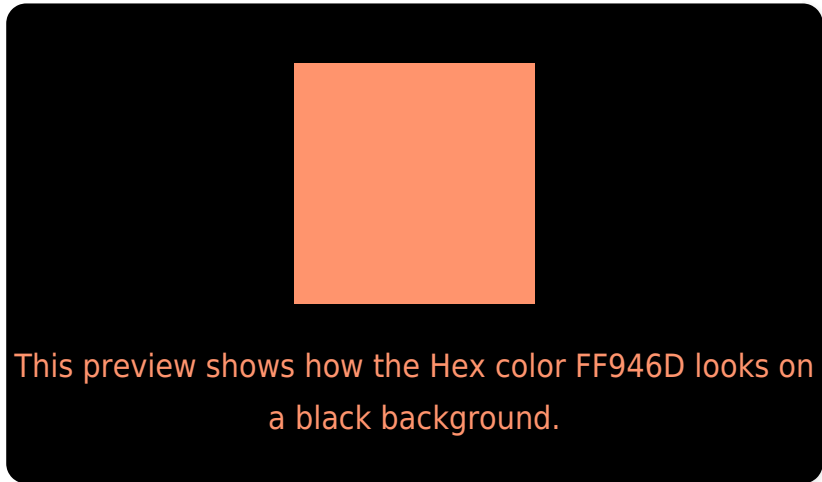
Large Text (above 18pt) WCAG AA × Fail

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 FF946D Background



This preview shows how black text looks on a background with the Hex color FF946D.

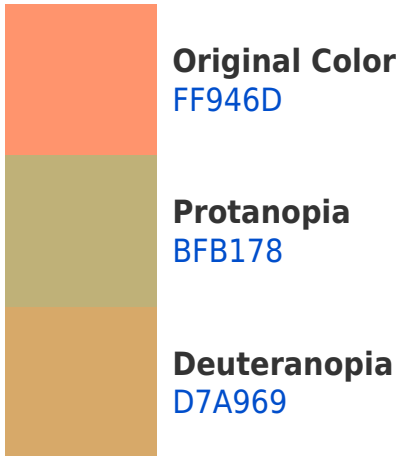


This preview shows how white text looks on a background with the Hex color FF946D.

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
FF909A

Trichromacy



Original Color
FF946D



Protanomaly
D6A674



Deuteranomaly
E6A16A

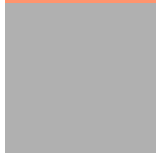


Tritanomaly
FF918A

Monochromacy



Original Color
FF946D



Achromatopsia
B0B0B0



Achromatomaly
CDA698

CSS Examples

Text

The CSS property to change the color of the text to Hex FF946D 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 #FF946D looks like.

```
.text, #text, p{  
    color:#FF946D  
}
```

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 #FF946D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF946D }  
}
```

Border

The CSS property to change the border of an element to Hex FF946D 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 #FF946D }  
}
```

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

```
.border{ border-color:#FF946D }
```

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

Here you see how a box with a 4 pixel #FF946D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF946D; -webkit-box-shadow:4px 4px  
4px 4px #FF946D; box-shadow:4px 4px 4px  
4px #FF946D }
```

Background

The CSS property to change the background color of an element to Hex FF946D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF946D }
```

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

```
.background{ background-color:#FF946D }
```

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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