

Converting Colors

Hex(FE7966)

Have a look what the booklet for
Hex(FE7966) contains.

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Color

Hex(FE7966)

Conversions

Conversions Part 1

Format	Color
Hex	FE7966
RGB	254, 121, 102
RGB Percent	100%, 47%, 40%
CMY	0.0039, 0.5255, 0.6000
CMYK	0.00, 0.52, 0.60, 0.00
HSL	7°, 99%, 70%
HSV	7°, 60%, 100%
XYZ	50.1087, 35.7049, 16.8211
YIQ	158.6010, 85.3670, 22.2870

Conversions

Conversions Part 2

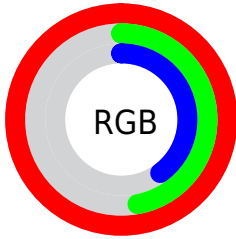
Format	Color
RYB	254, 124, 102
Decimal	16677222
CIELab	66.29, 49.20, 34.57
CIElCh	66, 60.135, 35.091
Yxy	35.7049, 0.4882, 0.3479
Android (android.graphics.Color)	4294867302 (0xFFFE7966)
YUV	158.6010, -27.9043, 83.6649
Hunter-Lab	59.7536, 45.1194, 25.1369

Details

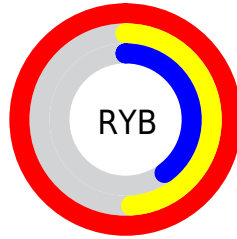
The Hex color **FE7966** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **66EBFE**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFB099**, and **C04337** is the 20% darker color. If you saturate the color by 10%, you get **FE634D**, and if you desaturate by 10%, it is **FE8F7F**.

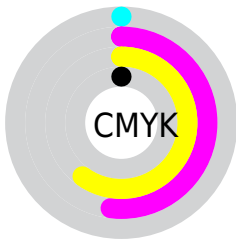
Distribution



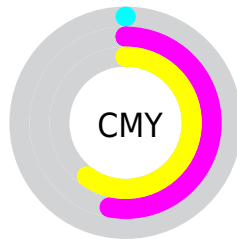
- Red (100%)
- Green (47%)
- Blue (40%)



- Red (100%)
- Yellow (49%)
- Blue (40%)



- Cyan (0%)
- Magenta (52%)
- Yellow (60%)
- Black (0%)



- Cyan (0%)
- Magenta (53%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color FE7966 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 FE7966 by changing the saturation by 10% instead.

 FE7966

 FE7966

FFFFFF

 DF5E4E

 FFB099

 C04337

 FFCDB4

 A12720

 FFE9D0

 83000B

 FFFFEC

 660000

 480000

 2D0001

 000000

 FE7966

 FE7966

 FE634D

 FE8F7F

 FE4D33

 FEA599

 FE361A

 FEBCB2

 FE2000

 FED2CC

 FEE8E5

FEFEFE

FEFFFF

Harmonies

Analogous

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



FF6F9A



FE7966



E28E3D

Triad

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



FE7966



1AB871



3BA4FF

Complementary

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



FE7966



66EBFE

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.



00B3FF



FE7966



00BBA9

Square

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



FE7966



7DB043



00BADE



AF8FFA

Rectangle

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



FE7966



C69B2D



00BADE



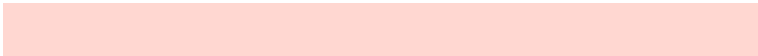
00AAFF

Sweetspot

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



FE7966



FFD7D1



FE66EC



806763



000000



808080

Same Dimension

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



FE7966



FF5E47



FEC466



807473



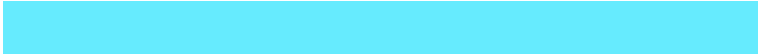
BF1800



400800

Inverse Universe

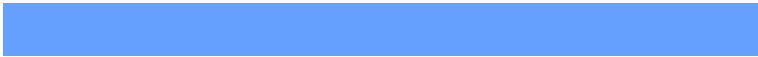
The Inverse Universe completely reimagines the original color for something new.



66EBFE



47E8FF



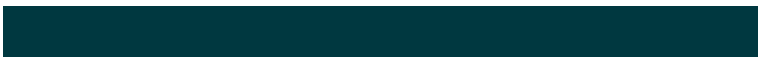
66A0FE



737E80



00A7BF



003840

Previews

White Background



This preview shows how the Hex color FE7966 looks on a white background.

Color Contrast Check

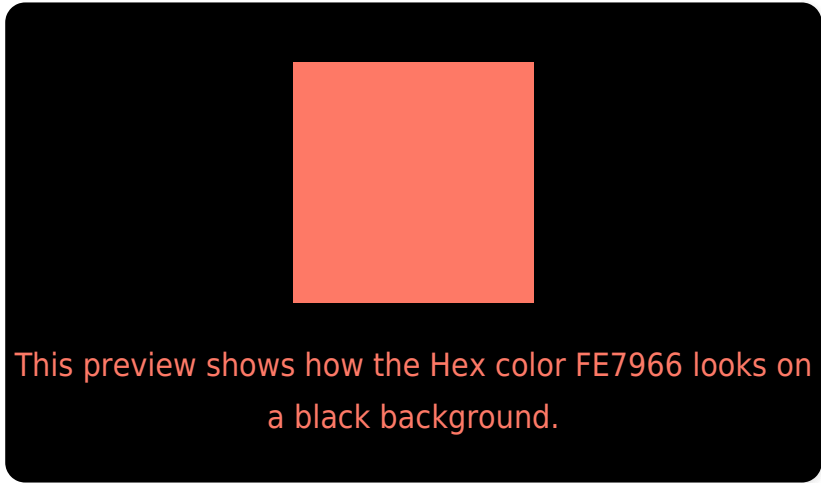
Large Text (above 18pt) WCAG AA × Fail

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 FE7966 Background



This preview shows how black text looks on a background with the Hex color FE7966.

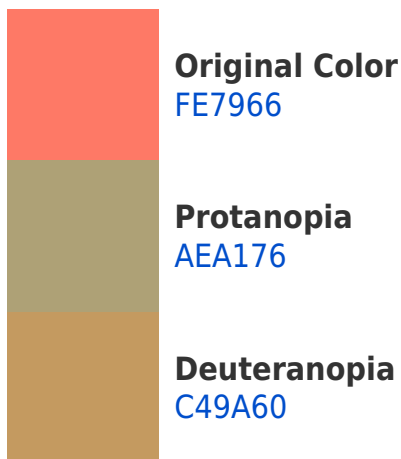


This preview shows how white text looks on a background with the Hex color FE7966.

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



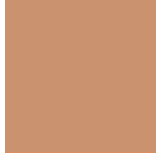


Tritanopia
FF767E

Trichromacy



Original Color
FE7966



Protanomaly
CB9270



Deuteranomaly
D98E62

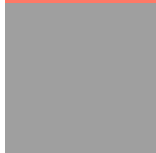


Tritanomaly
FF7775

Monochromacy



Original Color
FE7966



Achromatopsia
9F9F9F



Achromatomaly
C2918A

CSS Examples

Text

The CSS property to change the color of the text to Hex FE7966 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 #FE7966 looks like.

```
.text, #text, p{  
    color:#FE7966  
}
```

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 #FE7966 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE7966
}
```

Border

The CSS property to change the border of an element to Hex FE7966 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
#FE7966 }
```

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

```
.border{ border-color:#FE7966 }
```

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

Here you see how a box with a 4 pixel #FE7966 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE7966; -webkit-box-shadow:4px 4px  
4px 4px #FE7966; box-shadow:4px 4px 4px  
4px #FE7966 }
```

Background

The CSS property to change the background color of an element to Hex FE7966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE7966 }
```

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

```
.background{ background-color:#FE7966 }
```

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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