

Converting Colors

Hex(FF9776)

Have a look what the booklet for
Hex(FF9776) contains.

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Color

Hex(F9776)

Conversions

Conversions Part 1

Format	Color
Hex	FF9776
RGB	255, 151, 118
RGB Percent	100%, 59%, 46%
CMY	0.0000, 0.4078, 0.5373
CMYK	0.00, 0.41, 0.54, 0.00
HSL	14°, 100%, 73%
HSV	14°, 54%, 100%
XYZ	55.5766, 44.7012, 22.8385
YIQ	178.3340, 72.5770, 11.7850

Conversions

Conversions Part 2

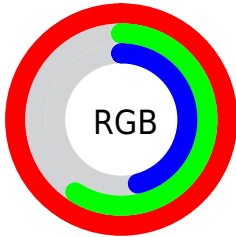
Format	Color
R _Y B	255, 161, 118
Decimal	16750454
CIE Lab	72.69, 35.80, 34.09
CIE LCh	73, 49.436, 43.596
Yxy	44.7012, 0.4514, 0.3631
Android (android.graphics.Color)	4294940534 (0xFFFF9776)
YUV	178.3340, -29.7447, 67.2361
Hunter-Lab	66.8590, 31.3752, 26.5483

Details

The Hex color **FF9776** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **76DEFF**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFCEAB**, and **C26345** is the 20% darker color. If you saturate the color by 10%, you get **FF845D**, and if you desaturate by 10%, it is **FFAA90**.

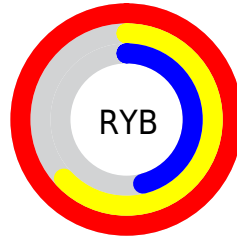
Distribution



Red (100%)

Green (59%)

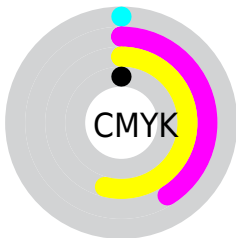
Blue (46%)



Red (100%)

Yellow (63%)

Blue (46%)

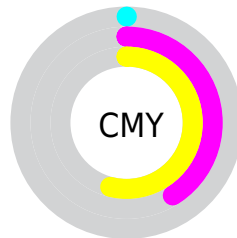


Cyan (0%)

Magenta (41%)

Yellow (54%)

Black (0%)



Cyan (0%)

Magenta (41%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF9776 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 FF9776 by changing the saturation by 10% instead.

 FF9776

 FF9776

FFFFFF

 E07C5D

 FFCEAB

 C26345

 FFEBC6

 A5492E

 FFFFE2

 873118

 6B1700

 4E0000

 340000

 0B0000

 000000

 FF9776

 FF9776

 FF845D

 FFAA90

 FF7043

 FFBEA9

 FF5D2A

 FFD1C3

 FF4A10

 FFE4DC

 FF3D00

 FFF8F6

FFFFFF

Harmonies

Analogous

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



FF8D9F



FF9776



E3A75B

Triad

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



FF9776



43C897



8DB0FF

Complementary

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



FF9776



76DEFF

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.



00BEFF



FF9776



00CAC6

Square

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



FF9776



87C26F



00C7F0



D19FF4

Rectangle

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



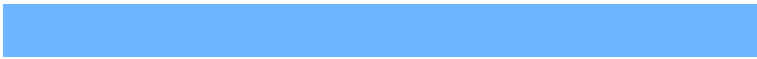
FF9776



C9B255



00C7F0



70B5FF

Sweetspot

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



FF9776



FFE0D6



FF76DF



806D67



000000



808080

Same Dimension

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



FF9776



FF835C



FFDA76



807673



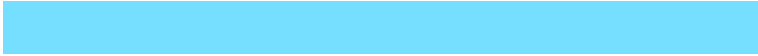
BF2E00



400F00

Inverse Universe

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



76DEFF



5CD8FF



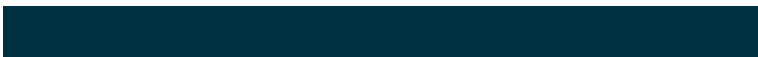
769BFF



737C80



0091BF



003040

Previews

White Background



This preview shows how the Hex color FF9776 looks on a white background.

Color Contrast Check

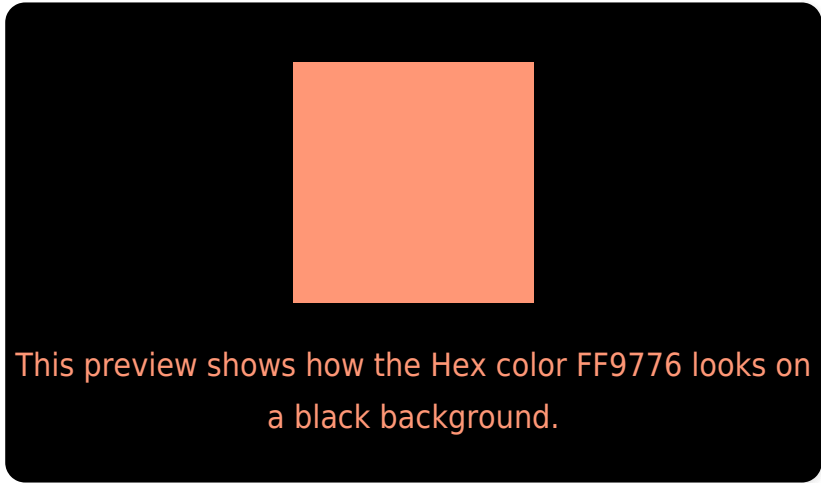
Large Text (above 18pt) WCAG AA × Fail

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 FF9776 Background



This preview shows how black text looks on a background with the Hex color FF9776.

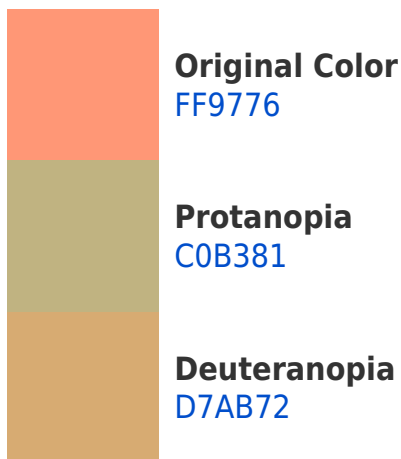


This preview shows how white text looks on a background with the Hex color FF9776.

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
FF939D

Trichromacy



Original Color
FF9776



Protanomaly
D7A97D



Deuteranomaly
E6A473

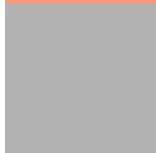


Tritanomaly
FF948F

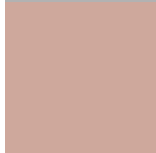
Monochromacy



Original Color
FF9776



Achromatopsia
B2B2B2



Achromatomaly
CEA89C

CSS Examples

Text

The CSS property to change the color of the text to Hex FF9776 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 #FF9776 looks like.

```
.text, #text, p{  
    color:#FF9776  
}
```

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 #FF9776 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9776
}
```

Border

The CSS property to change the border of an element to Hex FF9776 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
#FF9776 }
```

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

```
.border{ border-color:#FF9776 }
```

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

Here you see how a box with a 4 pixel #FF9776 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9776; -webkit-box-shadow:4px 4px  
4px 4px #FF9776; box-shadow:4px 4px 4px  
4px #FF9776 }
```

Background

The CSS property to change the background color of an element to Hex FF9776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9776 }
```

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

```
.background{ background-color:#FF9776 }
```

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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