

Converting Colors

Hex(FF9980)

Have a look what the booklet for
Hex(FF9980) contains.

Hex(FF9980)	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(F9980)

Conversions

Conversions Part 1

Format	Color
Hex	FF9980
RGB	255, 153, 128
RGB Percent	100%, 60%, 50%
CMY	0.0000, 0.4000, 0.4980
CMYK	0.00, 0.40, 0.50, 0.00
HSL	12°, 100%, 75%
HSV	12°, 50%, 100%
XYZ	56.5275, 45.6010, 26.2446
YIQ	180.6480, 68.8170, 13.8490

Conversions

Conversions Part 2

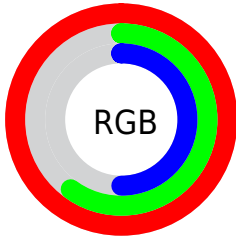
Format	Color
R_{YB}	255, 159, 128
Decimal	16750976
CIE _{Lab}	73.29, 35.63, 29.47
CIE _{LCh}	73, 46.237, 39.601
Yxy	45.6010, 0.4403, 0.3552
Android (android.graphics.Color)	4294941056 (0xFFFF9980)
YUV	180.6480, -25.9555, 65.2067
Hunter-Lab	67.5285, 31.2459, 24.2272

Details

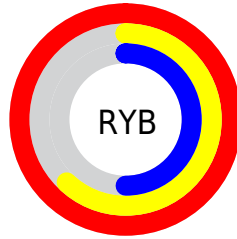
The Hex color **FF9980** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80E6FF**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFD0B5**, and **C3644E** is the 20% darker color. If you saturate the color by 10%, you get **FF8567**, and if you desaturate by 10%, it is **FFAD9A**.

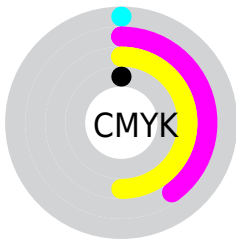
Distribution



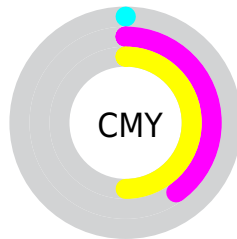
- Red (100%)
- Green (60%)
- Blue (50%)



- Red (100%)
- Yellow (62%)
- Blue (50%)



- Cyan (0%)
- Magenta (40%)
- Yellow (50%)
- Black (0%)



- Cyan (0%)
- Magenta (40%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF9980 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 FF9980 by changing the saturation by 10% instead.

 FF9980

 FF9980

FFFFFF

 E17E67

 FFD0B5

 C3644E

 FFEDD1

 A54B37

 FFFFED

 883221

 6C190C

 500000

 350000

 100000

 000000

 FF9980

 FF9980

 FF8567

 FFAD9A

 FF704D

 FFC2B3

 FF5C33

 FFD6CD

 FF471A

 FFEBE6

 FF3300

FFFFFF

 FF3200

Harmonies

Analogous

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



FF92A8



FF9980



E7A765

Triad

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



FF9980



5AC895



89B4FF

Complementary

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



FF9980



80E6FF

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.



1FC0FF



FF9980



00CAC1

Square

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



FF9980



93C171



00C8E9



CAA4F5

Rectangle

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



FF9980



CFB15E



00C8E9



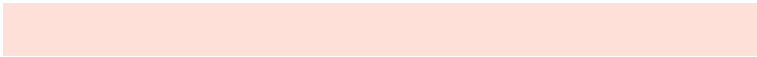
6EB8FF

Sweetspot

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



FF9980



FFE0D9



FF80E8



806D69



000000



808080

Same Dimension

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



FF9980



FF8466



FFD780



807573



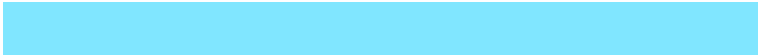
BF2600



400D00

Inverse Universe

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



80E6FF



66E1FF



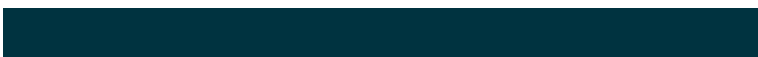
80A8FF



737D80



009ABF



003340

Previews

White Background



This preview shows how the Hex color FF9980 looks on a white background.

Color Contrast Check

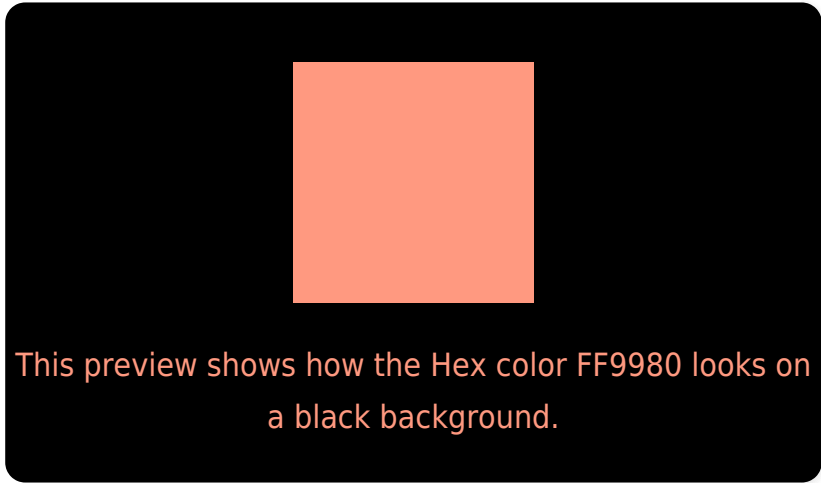
Large Text (above 18pt) WCAG AA × Fail

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 FF9980 Background



This preview shows how black text looks on a background with the Hex color FF9980.

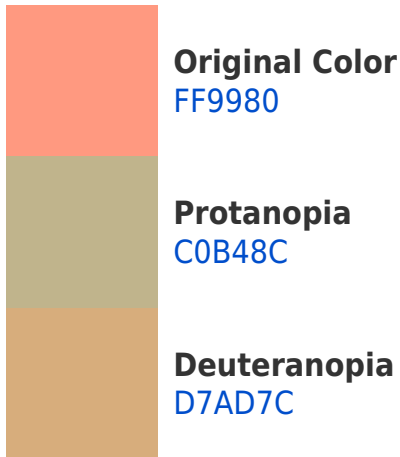


This preview shows how white text looks on a background with the Hex color FF9980.

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
FF96A0

Trichromacy



Original Color
FF9980



Protanomaly
D7AA88



Deuteranomaly
E6A67D



Tritanomaly
FF9794

Monochromacy



Original Color
FF9980



Achromatopsia
B5B5B5



Achromatomaly
D0ABA2

CSS Examples

Text

The CSS property to change the color of the text to Hex FF9980 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 #FF9980 looks like.

```
.text, #text, p{  
    color:#FF9980  
}
```

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 #FF9980 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9980
}
```

Border

The CSS property to change the border of an element to Hex FF9980 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
#FF9980 }
```

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

```
.border{ border-color:#FF9980 }
```

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

Here you see how a box with a 4 pixel #FF9980 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9980; -webkit-box-shadow:4px 4px  
4px 4px #FF9980; box-shadow:4px 4px 4px  
4px #FF9980 }
```

Background

The CSS property to change the background color of an element to Hex FF9980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9980 }
```

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

```
.background{ background-color:#FF9980 }
```

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