

Converting Colors

Hex(FF9996)

Have a look what the booklet for
Hex(FF9996) contains.

Hex(FF9996)	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(F9996)

Conversions

Conversions Part 1

Format	Color
Hex	FF9996
RGB	255, 153, 150
RGB Percent	100%, 60%, 59%
CMY	0.0000, 0.4000, 0.4118
CMYK	0.00, 0.40, 0.41, 0.00
HSL	2°, 100%, 79%
HSV	2°, 41%, 100%
XYZ	58.1363, 46.2445, 34.7161
YIQ	183.1560, 61.7550, 20.6910

Conversions

Conversions Part 2

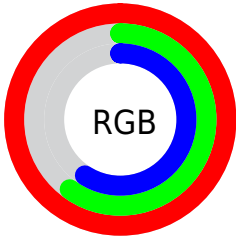
Format	Color
RYB	255, 153, 150
Decimal	16750998
CIELab	73.70, 37.78, 18.03
CIELCh	74, 41.857, 25.514
Yxy	46.2445, 0.4180, 0.3325
Android (android.graphics.Color)	4294941078 (0xFFFF9996)
YUV	183.1560, -16.3459, 63.0072
Hunter-Lab	68.0033, 33.5945, 17.3344

Details

The Hex color **FF9996** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **96FCFF**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFD0CC**, and **C36463** is the 20% darker color. If you saturate the color by 10%, you get **FF807D**, and if you desaturate by 10%, it is **FFB2B0**.

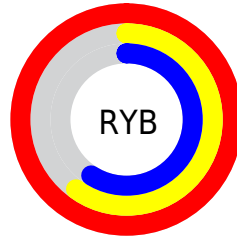
Distribution



Red (100%)

Green (60%)

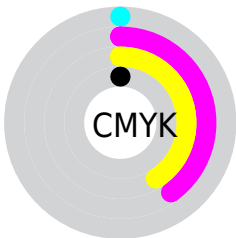
Blue (59%)



Red (100%)

Yellow (60%)

Blue (59%)

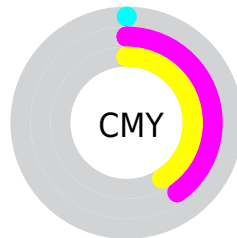


Cyan (0%)

Magenta (40%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (40%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Hex color FF9996 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 FF9996 by changing the saturation by 10% instead.

 FF9996

 FF9996

FFFFFF

 E17E7C

 FFD0CC

 C36463

 FFEDE8

 A64B4B

 8A3235

 6D1720

 520009

 380000

 170000

 000000

 FF9996

 FF9996

 FF807D

 FFB2B0

 FF6763

 FFCBC9

 FF4F4A

 FFE3E3

 FF3630

 FFFCFC

 FF1D17

FFFFFF

 FF0700

Harmonies

Analogous

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



FA97BC



FF9996



F0A377

Triad

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



FF9996



7FC588



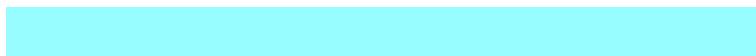
71BBFF

Complementary

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



FF9996



96FCFF

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.



16C4F3



FF9996



48C9AE

Square

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



FF9996



ACBD6E



00C9D5



B1ADFA

Rectangle

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



FF9996



DEAC6B



00C9D5



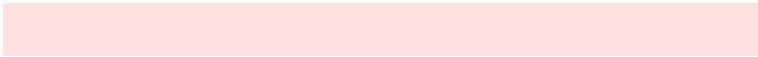
57BEFF

Sweetspot

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



FF9996



FFE1E0



FF96FD



806E6E



000000



808080

Same Dimension

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



FF9996



FF8682



FFCC96



807373



BF0500



400200

Inverse Universe

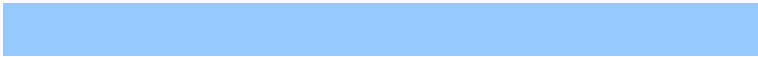
The Inverse Universe completely reimagines the original color for something new.



96FCFF



82FBFF



96C9FF



737F80



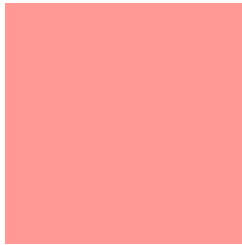
00BABF



003E40

Previews

White Background



This preview shows how the Hex color FF9996 looks on a white background.

Color Contrast Check

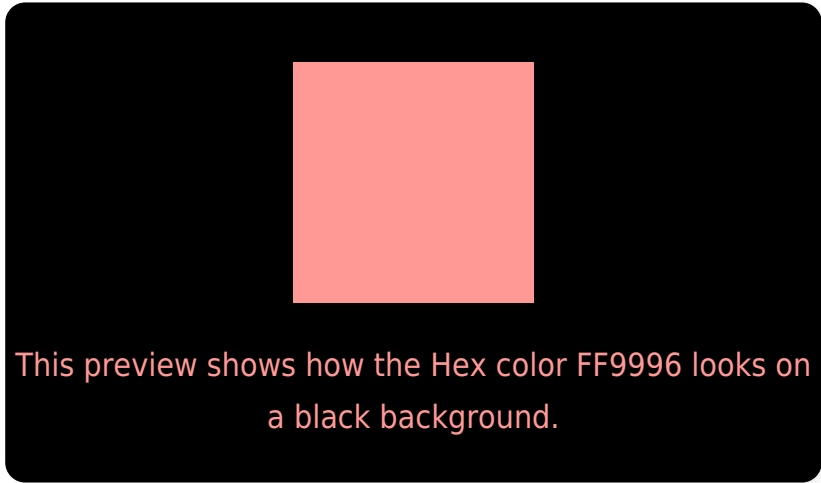
Large Text (above 18pt) WCAG AA × Fail

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 FF9996 Background



This preview shows how black text looks on a background with the Hex color FF9996.

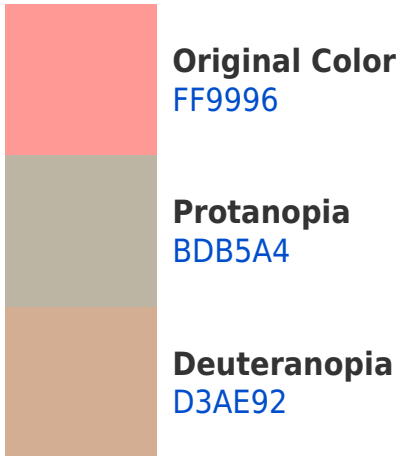


This preview shows how white text looks on a background with the Hex color FF9996.

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



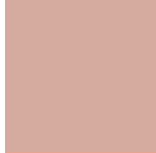


Tritanopia
FF98A3

Trichromacy



Original Color
FF9996



Protanomaly
D5AB9F



Deuteranomaly
E3A693



Tritanomaly
FF989E

Monochromacy



Original Color
FF9996



Achromatopsia
B7B7B7



Achromatomaly
D1ACAB

CSS Examples

Text

The CSS property to change the color of the text to Hex FF9996 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 #FF9996 looks like.

```
.text, #text, p{  
    color:#FF9996  
}
```

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 #FF9996 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9996
}
```

Border

The CSS property to change the border of an element to Hex FF9996 is called "border". The border property can be set on classes, ids or directly on the HTML element.

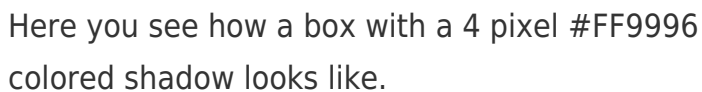
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF9996 }
```

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

```
.border{ border-color:#FF9996 }
```

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



Here you see how a box with a 4 pixel #FF9996 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9996; -webkit-box-shadow:4px 4px  
4px 4px #FF9996; box-shadow:4px 4px 4px  
4px #FF9996 }
```

Background

The CSS property to change the background color of an element to Hex FF9996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9996 }
```

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

```
.background{ background-color:#FF9996 }
```

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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