

Converting Colors

Hex(7FFF9F)

Have a look what the booklet for
Hex(7FFF9F) contains.

Hex(7FFF9F)	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(7FFF9F)

Conversions

Conversions Part 1

Format	Color
Hex	7FFF9F
RGB	127, 255, 159
RGB Percent	50%, 100%, 62%
CMY	0.5020, 0.0000, 0.3765
CMYK	0.50, 0.00, 0.38, 0.00
HSL	135°, 100%, 75%
HSV	135°, 50%, 100%
XYZ	50.7704, 78.5352, 45.2838
YIQ	205.7840, -45.4720, -56.9920

Conversions

Conversions Part 2

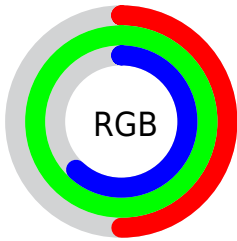
Format	Color
RYB	127, 229, 255
Decimal	8388511
CIELab	91.02, -55.62, 35.24
CIELCh	91, 65.841, 147.645
Yxy	78.5352, 0.2908, 0.4498
Android (android.graphics.Color)	4286578591 (0xFF7FFF9F)
YUV	205.7840, -23.0645, -69.0936
Hunter-Lab	88.6201, -52.8226, 31.7376

Details

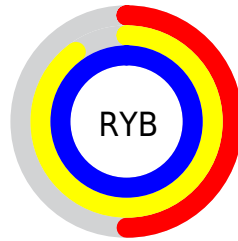
The Hex color **7FFF9F** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FF7FDF**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **BAFFD6**, and **40C56A** is the 20% darker color. If you saturate the color by 10%, you get **66FF8C**, and if you desaturate by 10%, it is **99FFB2**.

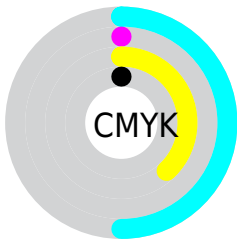
Distribution



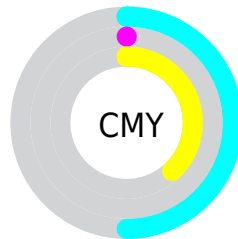
- Red (50%)
- Green (100%)
- Blue (62%)



- Red (50%)
- Yellow (90%)
- Blue (100%)



- Cyan (50%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)



- Cyan (50%)
- Magenta (0%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FFF9F 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 7FFF9F by changing the saturation by 10% instead.

 7FFF9F

 7FFF9F

FFFFFF

 61E284

 BAFFD6

 40C56A

 D8FFF3

 14A951

 F6FFFF

 008E39

 007420

 005A05

 004100


 002B00

 000700

 7FFF9F

 7FFF9F

 66FF8C

 99FFB2

 4CFF79

 B2FFC5

 33FF66

 CCFFD8

 19FF53

 E5FFEC

 00FF40

FFFFFF

Harmonies

Analogous

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



CFF370



7FFF9F



00FFDE

Triad

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



7FFF9F



5BEEFF



FFB5AE

Complementary

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



7FFF9F



FF7FD4

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.



FFAFED



7FFF9F



E1D7FF

Square

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



7FFF9F



00DFF



FFBEFF



FFC97B

Rectangle

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



7FFF9F



00FFFF



FFBEFF



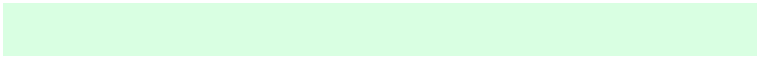
FFB1C2

Sweetspot

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



7FFF9F



D9FFE2



DFFF7F



69806E



000000



808080

Same Dimension

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



7FFF9F



66FF8C



7FFFDF



738076



00BF30



004010

Inverse Universe

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



FF7FDF



FF66D9



FF7F9F



80737C



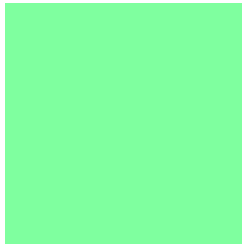
BF008F



400030

Previews

White Background



This preview shows how the Hex color #FFFF9F looks on a white background.

Color Contrast Check

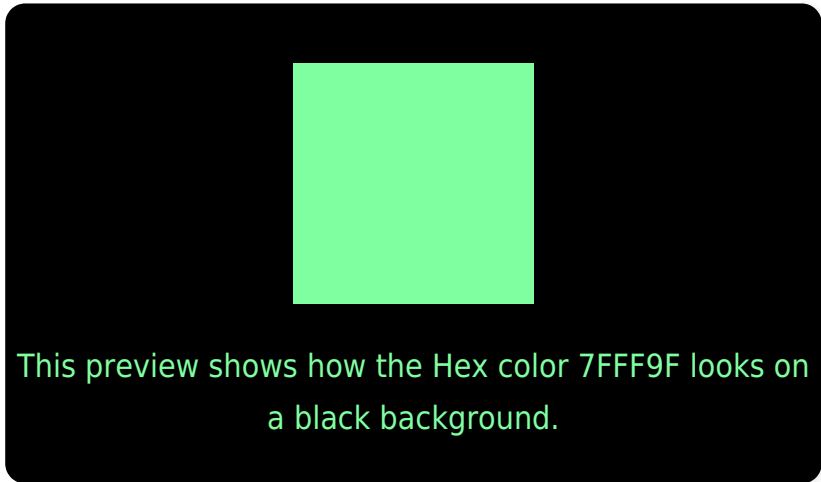
Large Text (above 18pt) WCAG AA × Fail

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

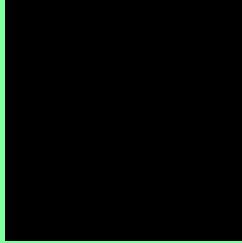
Any Text WCAG AA ✓ Pass

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 7FFF9F Background



This preview shows how black text looks on a background with the Hex color 7FFF9F.

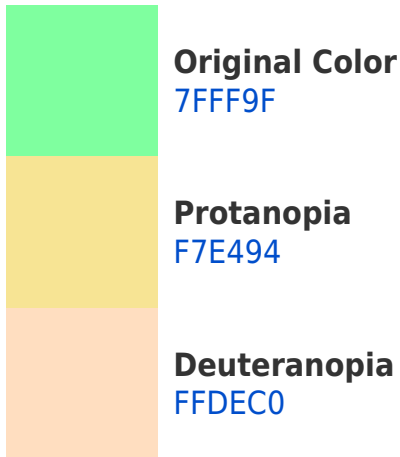


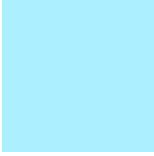
This preview shows how white text looks on a background with the Hex color 7FFF9F.

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



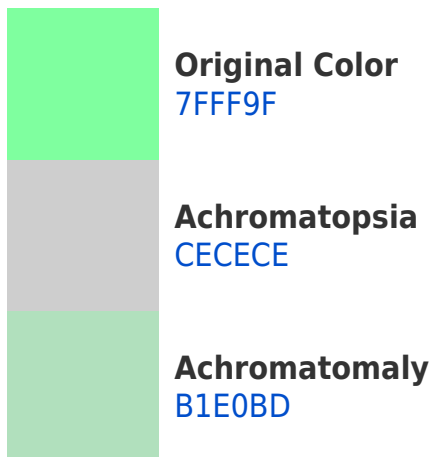


Tritanopia
ACEFFF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7FFF9F 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 #7FFF9F looks like.

```
.text, #text, p{  
    color:#7FFF9F  
}
```

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 #7FFF9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FFF9F
}
```

Border

The CSS property to change the border of an element to Hex 7FFF9F 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
#7FFF9F }
```

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

```
.border{ border-color:#7FFF9F }
```

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

Here you see how a box with a 4 pixel #7FFF9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FFF9F; -webkit-box-shadow:4px 4px  
4px 4px #7FFF9F; box-shadow:4px 4px 4px  
4px #7FFF9F }
```

Background

The CSS property to change the background color of an element to Hex 7FFF9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FFF9F }
```

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

```
.background{ background-color:#7FFF9F }
```

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