

Converting Colors

Hex(7FFAFA)

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

Hex(7FFAFA)	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(7FFAFA)

Conversions

Conversions Part 1

Format	Color
Hex	7FFAFA
RGB	127, 250, 250
RGB Percent	50%, 98%, 98%
CMY	0.5020, 0.0196, 0.0196
CMYK	0.49, 0.00, 0.00, 0.02
HSL	180°, 92%, 74%
HSV	180°, 49%, 98%
XYZ	60.1933, 79.7854, 102.6701
YIQ	213.2230, -73.3080, -26.0760

Conversions

Conversions Part 2

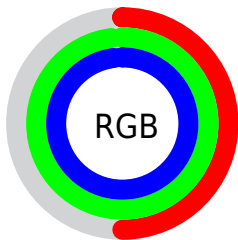
Format	Color
RYB	127, 189, 250
Decimal	8387322
CIELab	91.59, -34.37, -10.62
CIElCh	92, 35.970, 197.179
Yxy	79.7854, 0.2481, 0.3288
Android (android.graphics.Color)	4286577402 (0xFF7FFAFA)
YUV	213.2230, 18.1311, -75.6176
Hunter-Lab	89.3227, -36.0259, -5.6238

Details

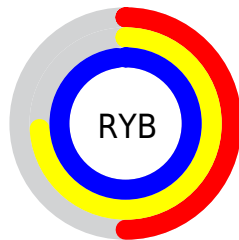
The Hex color **7FFAFA** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FA7F7F**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **BBFFFF**, and **3EC1C2** is the 20% darker color. If you saturate the color by 10%, you get **66FAFA**, and if you desaturate by 10%, it is **98FAFA**.

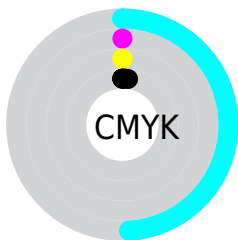
Distribution



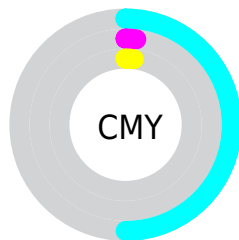
- Red (50%)
- Green (98%)
- Blue (98%)



- Red (50%)
- Yellow (74%)
- Blue (98%)



- Cyan (49%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (50%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

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

 7FFAFA

 7FFAFA

FFFFFF

 60DDDD

 BBFFFF

 3EC1C2

 DAFFFF

 05A6A6

 F8FFFF

 008B8C

 007173

 00585A

 004043

 002A2D

 000C19

 7FFAFA

 7FFAFA

 66FAFA

 98FAFA

 4DFAFA

 B1FAFA

 34FAFA

 CAFAFA

 1BFAFA

 E3FAFA

 02FAFA

 FCFAFA

 00FAFA

 FFFAFA

Harmonies

Analogous

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



9DF9D6



7FFAFA



80F6FF

Triad

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



7FFAFA



FFD7FF



FFE0A4

Complementary

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



7FFAFA



FA7F7F

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.



FFD5B6



7FFAFA



FFCFF7

Square

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



7FFAFA



D7E3FF



FFCED4



EBEBA4

Rectangle

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



7FFAFA



96F2FF



FFCED4



FFDCA8

Sweetspot

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



7FFAFA



D9FFFF



7FFA7F



698080



000000



808080

Same Dimension

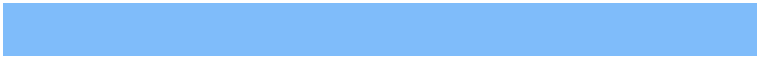
The Same Dimension uses a secret algorithm to generate beautiful new colors.



7FFAFA



69FFFF



7FBCFA



707D7D



00BDBD



003D3D

Inverse Universe

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



FA7FFA



FF69FF



FABC7F



7D707D



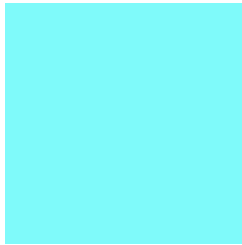
BD00BD



3D003D

Previews

White Background



This preview shows how the Hex color 7FFAFA looks on a white background.

Color Contrast Check

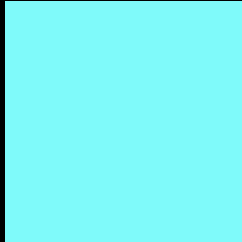
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 7FFAFA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

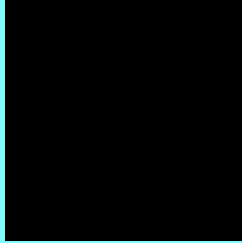
Any Text WCAG AA ✓ Pass

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 7FFAFA Background



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

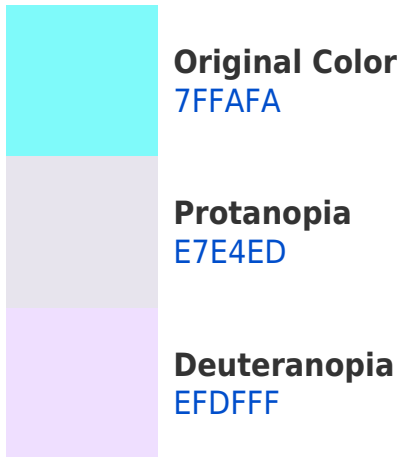


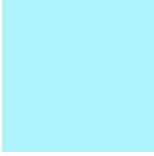
This preview shows how white text looks on a background with the Hex color 7FFAFA.

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



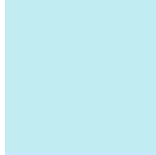


Tritanopia
AEF1FF

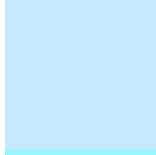
Trichromacy



Original Color
7FFAFA



Protanomaly
C1ECF2



Deuteranomaly
C6E9FD

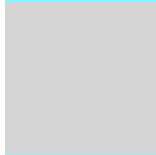


Tritanomaly
9DF4FD

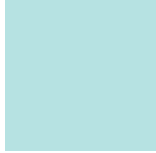
Monochromacy



Original Color
7FFAFA



Achromatopsia
D5D5D5



Achromatomaly
B6E2E2

CSS Examples

Text

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

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

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 #7FFAFA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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