

Converting Colors

Hex(78F9F9)

Have a look what the booklet for
Hex(78F9F9) contains.

Hex(78F9F9)	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(78F9F9)

Conversions

Conversions Part 1

Format	Color
Hex	78F9F9
RGB	120, 249, 249
RGB Percent	47%, 98%, 98%
CMY	0.5294, 0.0235, 0.0235
CMYK	0.52, 0.00, 0.00, 0.02
HSL	180°, 91%, 72%
HSV	180°, 52%, 98%
XYZ	58.7203, 78.5840, 101.6959
YIQ	210.4290, -76.8840, -27.3480

Conversions

Conversions Part 2

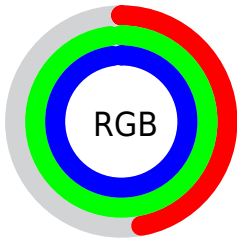
Format	Color
R _Y B	120, 185, 249
Decimal	7928313
CIE Lab	91.05, -35.56, -10.94
CIE LCh	91, 37.201, 197.098
Yxy	78.5840, 0.2457, 0.3288
Android (android.graphics.Color)	4286118393 (0xFF78F9F9)
YUV	210.4290, 19.0155, -79.3062
Hunter-Lab	88.6476, -36.8947, -5.9637

Details

The Hex color **78F9F9** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **F97878**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **B5FFFF**, and **33C0C1** is the 20% darker color. If you saturate the color by 10%, you get **5FF9F9**, and if you desaturate by 10%, it is **91F9F9**.

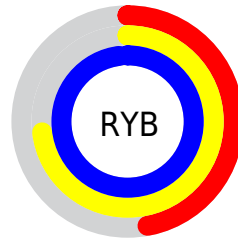
Distribution



Red (47%)

Green (98%)

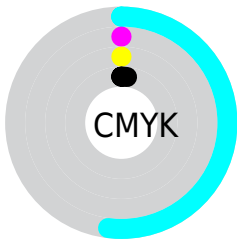
Blue (98%)



Red (47%)

Yellow (73%)

Blue (98%)

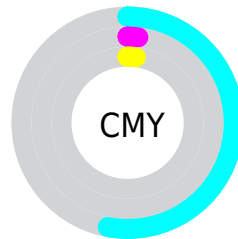


Cyan (52%)

Magenta (0%)

Yellow (0%)

Black (2%)



Cyan (53%)

Magenta (2%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78F9F9 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 78F9F9 by changing the saturation by 10% instead.

 78F9F9

 78F9F9

FFFFFF

 58DCDC

 B5FFFF

 33C0C1


 D4FFFF

 00A5A6

 F2FFFF

 008A8B

 007072

 005759

 003F42

 00292C

 000818

 78F9F9

 78F9F9

 5FF9F9

 91F9F9

 46F9F9

 AAF9F9

 2DF9F9

 C3F9F9

 14F9F9

 DCF9F9

 00F9F9

 F4F9F9

 FFF9F9

Harmonies

Analogous

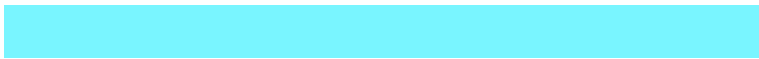
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



98F8D4



78F9F9



79F5FF

Triad

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



78F9F9



FFD5FF



FFDEA0

Complementary

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



78F9F9



F97878

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.



FFD2B3



78F9F9



FFCCF6

Square

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



78F9F9



D5E2FF



FFCBD2



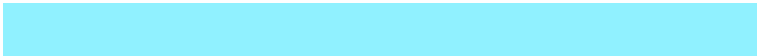
EAEAA1

Rectangle

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



78F9F9



90F1FF



FFCBD2



FFDAA4

Sweetspot

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



78F9F9



D6FFFF



78F978



678080



000000



808080

Same Dimension

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



78F9F9



61FFFF



78B9F9



707D7D



00BDBD



003D3D

Inverse Universe

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



F978F9



FF61FF



F9B978



7D707D



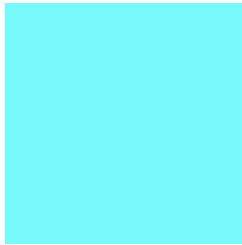
BD00BD



3D003D

Previews

White Background



This preview shows how the Hex color 78F9F9 looks on a white background.

Color Contrast Check

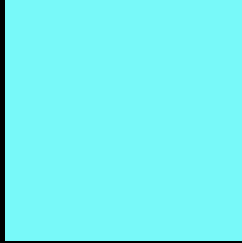
Large Text (above 18pt) WCAG AA × Fail

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 78F9F9 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

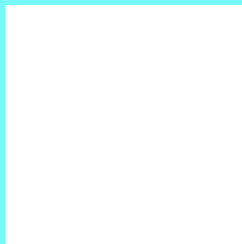
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 78F9F9 Background



This preview shows how black text looks on a background with the Hex color 78F9F9.

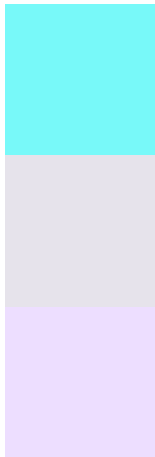


This preview shows how white text looks on a background with the Hex color 78F9F9.

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](#).

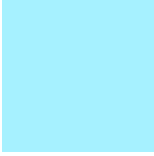
Dichromacy



Original Color
78F9F9

Protanopia
E6E3EB

Deuteranopia
EDDEFF



Tritanopia
A6F1FF

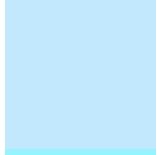
Trichromacy



Original Color
78F9F9



Protanomaly
BEEBF0



Deuteranomaly
C2E8FD

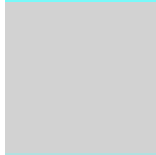


Tritanomaly
95F4FD

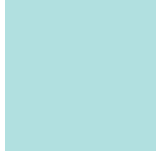
Monochromacy



Original Color
78F9F9



Achromatopsia
D2D2D2



Achromatomaly
B1E0E0

CSS Examples

Text

The CSS property to change the color of the text to Hex 78F9F9 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 #78F9F9 looks like.

```
.text, #text, p{  
    color:#78F9F9  
}
```

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 #78F9F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78F9F9
}
```

Border

The CSS property to change the border of an element to Hex 78F9F9 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
#78F9F9 }
```

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

```
.border{ border-color:#78F9F9 }
```

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

Here you see how a box with a 4 pixel #78F9F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78F9F9; -webkit-box-shadow:4px 4px  
4px 4px #78F9F9; box-shadow:4px 4px 4px  
4px #78F9F9 }
```

Background

The CSS property to change the background color of an element to Hex 78F9F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78F9F9 }
```

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

```
.background{ background-color:#78F9F9 }
```

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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