

Converting Colors

Hex(7FD7F8)

Have a look what the booklet for
Hex(7FD7F8) contains.

Hex(7FD7F8)	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(7FD7F8)

Conversions

Conversions Part 1

Format	Color
Hex	7FD7F8
RGB	127, 215, 248
RGB Percent	50%, 84%, 97%
CMY	0.5020, 0.1569, 0.0275
CMYK	0.49, 0.13, 0.00, 0.03
HSL	196°, 90%, 74%
HSV	196°, 49%, 97%
XYZ	49.9961, 59.8902, 97.7318
YIQ	192.4500, -63.0410, -8.3930

Conversions

Conversions Part 2

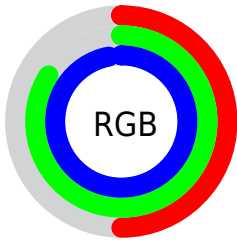
Format	Color
R _Y B	127, 178, 248
Decimal	8378360
CIE Lab	81.78, -17.84, -24.34
CIE LCh	82, 30.180, 233.759
Yxy	59.8902, 0.2408, 0.2885
Android (android.graphics.Color)	4286568440 (0xFF7FD7F8)
YUV	192.4500, 27.3862, -57.3996
Hunter-Lab	77.3888, -20.1125, -20.7033

Details

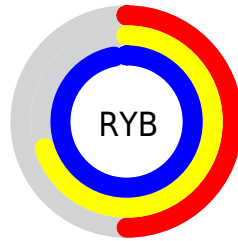
The Hex color **7FD7F8** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F8A07F**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **BAFFFF**, and **42A0C0** is the 20% darker color. If you saturate the color by 10%, you get **66D0F8**, and if you desaturate by 10%, it is **98DEF8**.

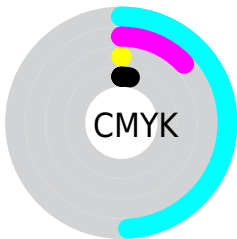
Distribution



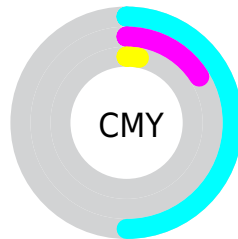
- Red (50%)
- Green (84%)
- Blue (97%)



- Red (50%)
- Yellow (70%)
- Blue (97%)



- Cyan (49%)
- Magenta (13%)
- Yellow (0%)
- Black (3%)



- Cyan (50%)
- Magenta (16%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FD7F8 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 7FD7F8 by changing the saturation by 10% instead.

 7FD7F8

 7FD7F8

FFFFFF

 61BBDB

 BAFFFF

 42A0C0

 D7FFFF

 1B86A4

 F5FFFF

 006D8A

 005470

 003D58

 002740

 000F2A

 000115

 7FD7F8

 7FD7F8

 66D0F8

 98DEF8

 4DC9F8

 B1E5F8

 35C3F8

 C9EBF8

 1CBCF8

 E2F2F8

 03B5F8

 FBF9F8

 00B4F8

 FFFFF8

Harmonies

Analogous

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



77DBE1



7FD7F8



A0D0FF

Triad

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



7FD7F8



FFB7D2



C8D097

Complementary

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



7FD7F8



F8A07F

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.



E5C793



7FD7F8



FFB8B6

Square

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



7FD7F8



EABDED



FBBE9F



A8D7A9

Rectangle

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



7FD7F8



BAC9FF



FBBE9F



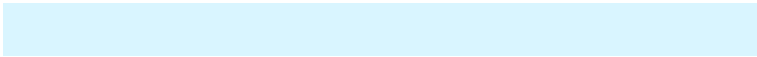
D3CE94

Sweetspot

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



7FD7F8



D9F5FF



7FF89F



697980



000000



808080

Same Dimension

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



7FD7F8



69D6FF



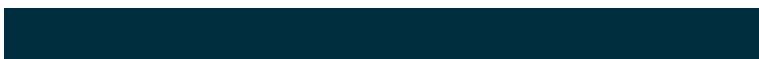
7F9BF8



707A7D



0089BD



002D3D

Inverse Universe

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



F87FD7



FF69D6



F8DC7F



7D707A



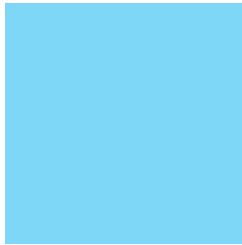
BD0089



3D002D

Previews

White Background



This preview shows how the Hex color 7FD7F8 looks on a white background.

Color Contrast Check

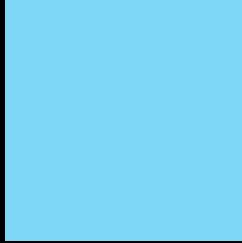
Large Text (above 18pt) WCAG AA × Fail

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 7FD7F8 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 7FD7F8 Background



This preview shows how black text looks on a background with the Hex color 7FD7F8.

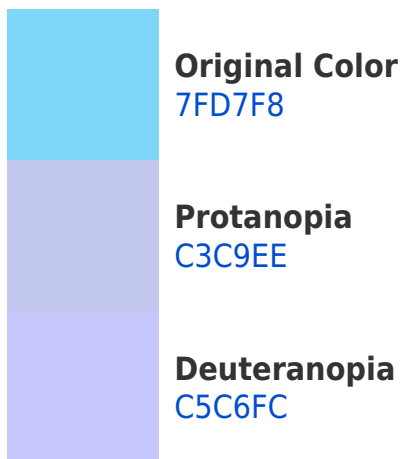


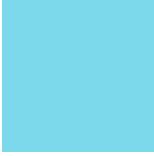
This preview shows how white text looks on a background with the Hex color 7FD7F8.

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](#).

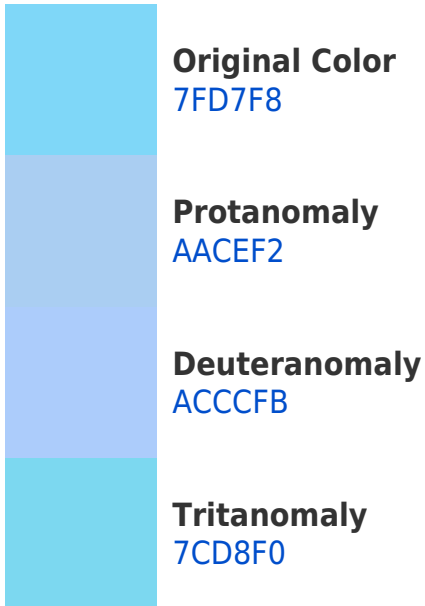
Dichromacy



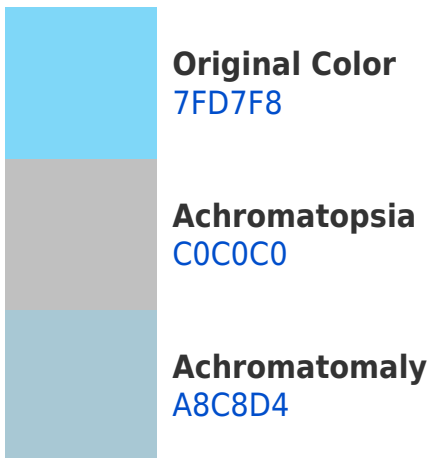


Tritanopia
7BD9EB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7FD7F8 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 #7FD7F8 looks like.

```
.text, #text, p{  
    color:#7FD7F8  
}
```

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 #7FD7F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FD7F8
}
```

Border

The CSS property to change the border of an element to Hex 7FD7F8 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
#7FD7F8 }
```

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

```
.border{ border-color:#7FD7F8 }
```

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

Here you see how a box with a 4 pixel #7FD7F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FD7F8; -webkit-box-shadow:4px 4px  
4px 4px #7FD7F8; box-shadow:4px 4px 4px  
4px #7FD7F8 }
```

Background

The CSS property to change the background color of an element to Hex 7FD7F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FD7F8 }
```

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

```
.background{ background-color:#7FD7F8 }
```

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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