

Converting Colors

Hex(77F5F8)

Have a look what the booklet for
Hex(77F5F8) contains.

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Color

Hex(77F5F8)

Conversions

Conversions Part 1

Format	Color
Hex	77F5F8
RGB	119, 245, 248
RGB Percent	47%, 96%, 97%
CMY	0.5333, 0.0392, 0.0275
CMYK	0.52, 0.01, 0.00, 0.03
HSL	181°, 90%, 72%
HSV	181°, 52%, 97%
XYZ	57.2034, 76.0041, 100.4623
YIQ	207.6680, -76.0590, -25.7790

Conversions

Conversions Part 2

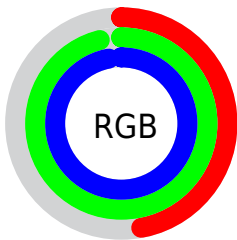
Format	Color
RYB	119, 183, 248
Decimal	7861752
CIELab	89.86, -34.15, -12.19
CIElCh	90, 36.260, 199.638
Yxy	76.0041, 0.2448, 0.3253
Android (android.graphics.Color)	4286051832 (0xFF77F5F8)
YUV	207.6680, 19.8837, -77.7618
Hunter-Lab	87.1803, -35.4426, -7.2966

Details

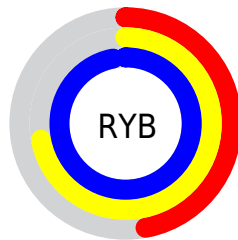
The Hex color **77F5F8** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **F87A77**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **B4FFFF**, and **32BCC0** is the 20% darker color. If you saturate the color by 10%, you get **5EF4F8**, and if you desaturate by 10%, it is **90F6F8**.

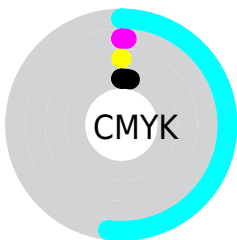
Distribution



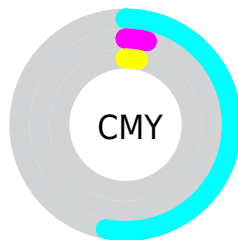
- Red (47%)
- Green (96%)
- Blue (97%)



- Red (47%)
- Yellow (72%)
- Blue (97%)



- Cyan (52%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)



- Cyan (53%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77F5F8 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 77F5F8 by changing the saturation by 10% instead.

 77F5F8

 77F5F8

FFFFFF

 57D8DB

 B4FFFF

 32BCC0


 D2FFFF

 00A1A5

 F1FFFF

 00868A

 006D71

 005458

 003C41

 00272B

 000117

 77F5F8

 77F5F8

 5EF4F8

 90F6F8

 45F4F8

 A9F6F8

 2DF3F8

 C1F7F8

 14F3F8

 DAF7F8

 00F2F8

 F3F8F8

 FFF8F8

 FFF9F8

 FFFAF8

Harmonies

Analogous

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



94F4D4



77F5F8



7BF1FF

Triad

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



77F5F8



FFD1FF



FFDC9E

Complementary

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



77F5F8



F87A77

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.



FFD0AF



77F5F8



FFC9F0

Square

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



77F5F8



D6DDFF



FFC9CC



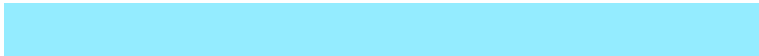
E3E7A0

Rectangle

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



77F5F8



94ECFF



FFC9CC



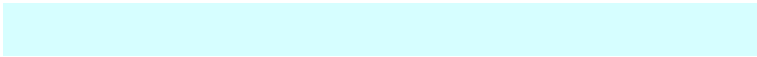
FFD8A2

Sweetspot

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



77F5F8



D6FEFF



77F879



677F80



000000



808080

Same Dimension

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



77F5F8



61FBFF



77B5F8



707D7D



00B8BD



003C3D

Inverse Universe

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



F877F5



FF61FB



F8BA77



7D707D



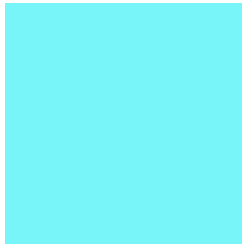
BD00B8



3D003C

Previews

White Background



This preview shows how the Hex color 77F5F8 looks on a white background.

Color Contrast Check

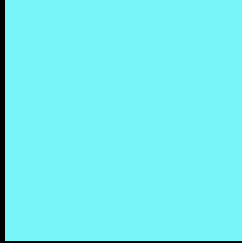
Large Text (above 18pt) WCAG AA × Fail

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 77F5F8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

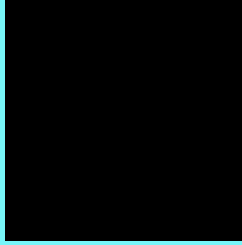
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

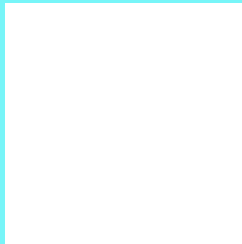
Any Text WCAG AAA ✓ Pass

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

Hex 77F5F8 Background



This preview shows how black text looks on a background with the Hex color 77F5F8.

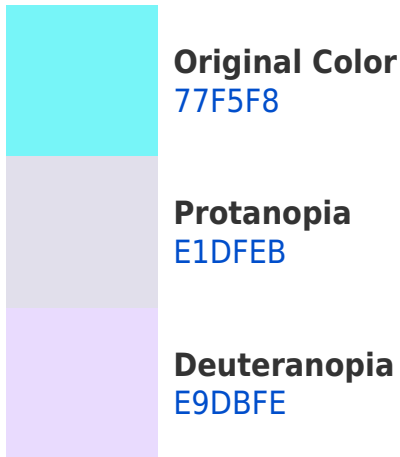


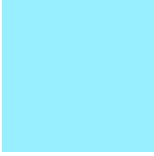
This preview shows how white text looks on a background with the Hex color 77F5F8.

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
98EFFF

Trichromacy



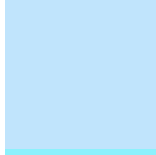
Original Color

77F5F8



Protanomaly

BAE7F0



Deuteranomaly

C0E4FC



Tritanomaly

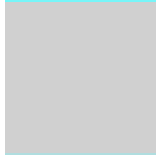
8CF1FC

Monochromacy



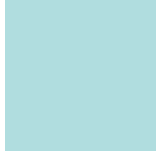
Original Color

77F5F8



Achromatopsia

D0D0D0



Achromatomaly

B0DDDF

CSS Examples

Text

The CSS property to change the color of the text to Hex 77F5F8 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 #77F5F8 looks like.

```
.text, #text, p{  
    color:#77F5F8  
}
```

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 #77F5F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77F5F8  
}
```

Border

The CSS property to change the border of an element to Hex 77F5F8 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  
#77F5F8 }
```

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

```
.border{ border-color:#77F5F8 }
```

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

Here you see how a box with a 4 pixel #77F5F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77F5F8; -webkit-box-shadow:4px 4px  
4px 4px #77F5F8; box-shadow:4px 4px 4px  
4px #77F5F8 }
```

Background

The CSS property to change the background color of an element to Hex 77F5F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77F5F8 }
```

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

```
.background{ background-color:#77F5F8 }
```

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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