

# Converting Colors

Hex(67E7F8)

Have a look what the booklet for  
Hex(67E7F8) contains.

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# Color

Hex(67E7F8)

# Conversions

## Conversions Part 1

Format	Color
Hex	67E7F8
RGB	103, 231, 248
RGB Percent	40%, 91%, 97%
CMY	0.5961, 0.0941, 0.0275
CMYK	0.58, 0.07, 0.00, 0.03
HSL	187°, 91%, 69%
HSV	187°, 58%, 97%
XYZ	51.1127, 66.8127, 99.0092
YIQ	194.6660, -81.7450, -21.8490

# Conversions

## Conversions Part 2

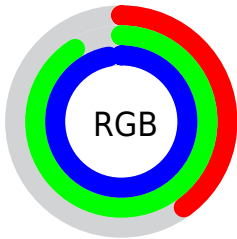
Format	Color
<a href="#">RYB</a>	<a href="#">103, 171, 248</a>
Decimal	<a href="#">6809592</a>
CIELab	<a href="#">85.41, -30.51, -18.92</a>
CIElCh	<a href="#">85, 35.899, 211.802</a>
Yxy	<a href="#">66.8127, 0.2356, 0.3080</a>
Android (android.graphics.Color)	<a href="#">4284999672</a> ( <a href="#">0xFF67E7F8</a> )
YUV	<a href="#">194.6660, 26.2937, -80.3911</a>
Hunter-Lab	<a href="#">81.7390, -31.4245, -14.5997</a>

# Details

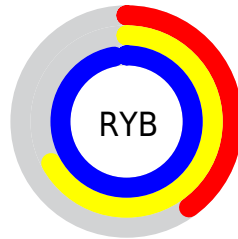
The Hex color **67E7F8** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F87867**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **A6FFFF**, and **0FAFC0** is the 20% darker color. If you saturate the color by 10%, you get **4EE4F8**, and if you desaturate by 10%, it is **80EAF8**.

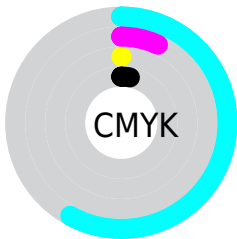
# Distribution



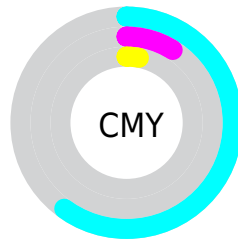
- Red (40%)
- Green (91%)
- Blue (97%)



- Red (40%)
- Yellow (67%)
- Blue (97%)



- Cyan (58%)
- Magenta (7%)
- Yellow (0%)
- Black (3%)



- Cyan (60%)
- Magenta (9%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67E7F8 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 67E7F8 by changing the saturation by 10% instead.



 67E7F8

 67E7F8


FFFFFF

 44CBDB

 A6FFFF

 0FAFC0

 C4FFFF

 0094A4

 E3FFFF

 007A8A

 006171

 004858

 003141

 001D2B

 000116

 67E7F8

 67E7F8

 4EE4F8

 80EAF8

 35E1F8

 99EDF8

 1DDEF8

 B1F0F8

 04DBF8

 CAF3F8

 00DBF8

 E3F6F8

 FCF8F8

 FFFBF8

 FFFE8F8

 FFFF8F8

# Harmonies

## Analogous

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



7AE8D6



67E7F8



7CE1FF

# Triad

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



67E7F8



FFC1F6



EBD491

# Complementary

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



67E7F8



F87867

# 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.



FFC89B



67E7F8



FFBCD5

# Square

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



67E7F8



DDCCFF



FFBFB3



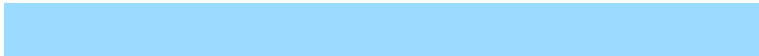
C7DE9B

# Rectangle

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



67E7F8



9BDBFF



FFBFB3



F6D092

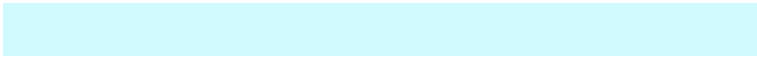


# Sweetspot

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



67E7F8



D1FAFF



67F878



637C80



000000



808080

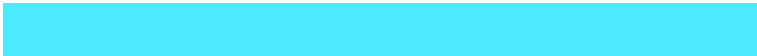


# Same Dimension

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



67E7F8



4DEAFF



679FF8



707B7D



00A7BD



00363D



# Inverse Universe

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



F867E7



FF4DEA



F8C067



7D707B



BD00A7

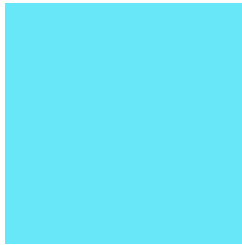


3D0036



# Previews

## White Background



This preview shows how the Hex color 67E7F8 looks on a white background.

## Color Contrast Check

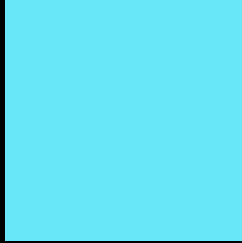
Large Text (above 18pt) WCAG AA × Fail

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 67E7F8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

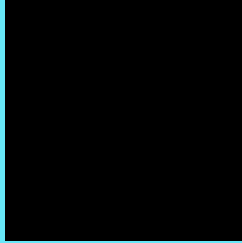
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 67E7F8 Background



This preview shows how black text looks on a background with the Hex color 67E7F8.

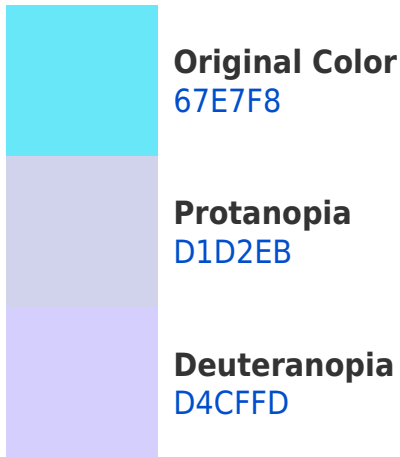


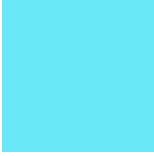
This preview shows how white text looks on a background with the Hex color 67E7F8.

# 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



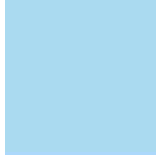


**Tritanopia**  
68E7F9

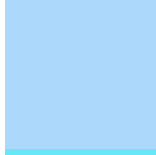
# Trichromacy



**Original Color**  
67E7F8



**Protanomaly**  
AADAF0



**Deuteranomaly**  
ACD8FB

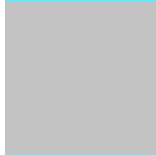


**Tritanomaly**  
68E7F9

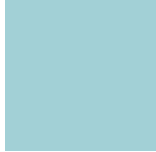
# Monochromacy



**Original Color**  
67E7F8



**Achromatopsia**  
C3C3C3



**Achromatomaly**  
A2D0D6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67E7F8 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 #67E7F8 looks like.

```
.text, #text, p{  
    color:#67E7F8  
}
```

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 #67E7F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67E7F8  
}
```

## Border

The CSS property to change the border of an element to Hex 67E7F8 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  
#67E7F8 }
```

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

```
.border{ border-color:#67E7F8 }
```

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

Here you see how a box with a 4 pixel #67E7F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67E7F8; -webkit-box-shadow:4px 4px  
4px 4px #67E7F8; box-shadow:4px 4px 4px  
4px #67E7F8 }
```

# Background

The CSS property to change the background color of an element to Hex 67E7F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67E7F8 }
```

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

```
.background{ background-color:#67E7F8 }
```

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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