

# Converting Colors

Hex(68D7F7)

Have a look what the booklet for  
Hex(68D7F7) contains.

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# **Color**

**Hex(68D7F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	68D7F7
RGB	104, 215, 247
RGB Percent	41%, 84%, 97%
CMY	0.5922, 0.1569, 0.0314
CMYK	0.58, 0.13, 0.00, 0.03
HSL	193°, 90%, 69%
HSV	193°, 58%, 97%
XYZ	46.7979, 58.2593, 96.7744
YIQ	185.4590, -76.4280, -13.5800

# Conversions

## Conversions Part 2

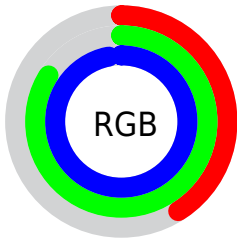
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">104, 166, 247</a>
Decimal	<a href="#">6871031</a>
CIELab	<a href="#">80.88, -22.78, -25.25</a>
CIELCh	<a href="#">81, 34.009, 227.951</a>
Yxy	<a href="#">58.2593, 0.2319, 0.2887</a>
Android (android.graphics.Color)	<a href="#">4285061111 (0xFF68D7F7)</a>
YUV	<a href="#">185.4590, 30.3397, -71.4395</a>
Hunter-Lab	<a href="#">76.3278, -24.1323, -21.7430</a>

# Details

The Hex color **68D7F7** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **F78868**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **A5FFFF**, and **19A0BF** is the 20% darker color. If you saturate the color by 10%, you get **4FD1F7**, and if you desaturate by 10%, it is **81DDF7**.

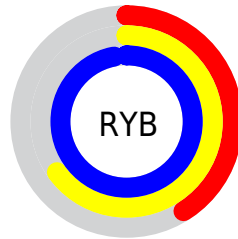
# Distribution



Red (41%)

Green (84%)

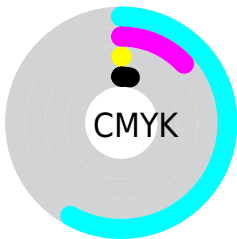
Blue (97%)



Red (41%)

Yellow (65%)

Blue (97%)

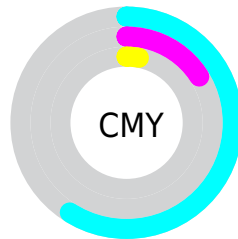


Cyan (58%)

Magenta (13%)

Yellow (0%)

Black (3%)



Cyan (59%)

Magenta (16%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68D7F7 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 68D7F7 by changing the saturation by 10% instead.



 68D7F7

 68D7F7

FFFFFF

 47BBDA

 A5FFFF

 19A0BF

 C4FFFF

 0086A3

 E2FFFF

 006C89

 005470

 003C57

 002640

 00092A

 000114

■ 68D7F7

■ 68D7F7

■ 4FD1F7

■ 81DDF7

■ 37CCF7

■ 99E2F7

■ 1EC6F7

■ B2E8F7

■ 05C1F7

■ CBEDF7

■ 00C0F7

■ E3F3F7

■ FCF8F7

■ FFFE7

■ FFFF7

# Harmonies

## Analogous

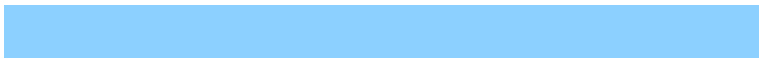
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66DADB



68D7F7



8CD0FF

# Triad

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



68D7F7



FFB2D7



CCCD8C

# Complementary

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



68D7F7



F78868

# 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.



EBC28B



68D7F7



FFB2B7

# Square

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



68D7F7



E5BAF4



FFB89B



A7D59D

# Rectangle

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



68D7F7



ACC9FF



FFB89B



D7CA8A

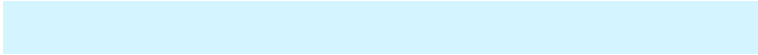


# Sweetspot

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



68D7F7



D4F5FF



68F787



667A80



000000



808080



# Same Dimension

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



68D7F7



4FD8FF



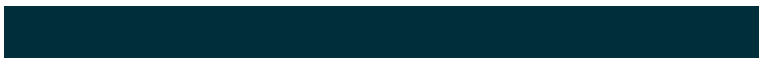
6891F7



6E787A



0090BA



002E3B



# Inverse Universe

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



F768D7



FF4FD8



F7CE68



7A6E78



BA0090

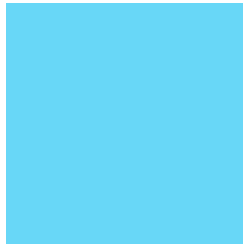


3B002E



# Previews

## White Background



This preview shows how the Hex color 68D7F7 looks on a white background.

## Color Contrast Check

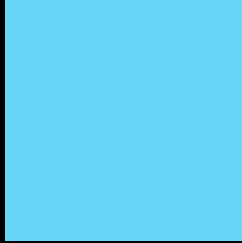
Large Text (above 18pt) WCAG AA × Fail

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 68D7F7 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 68D7F7 Background



This preview shows how black text looks on a background with the Hex color 68D7F7.

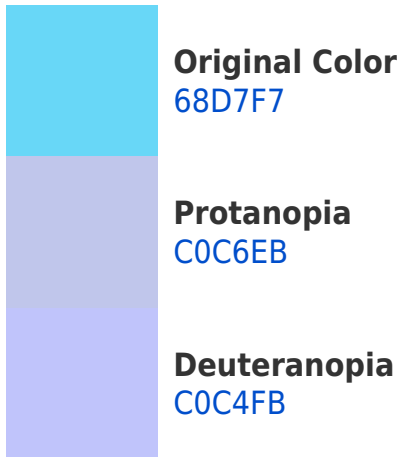


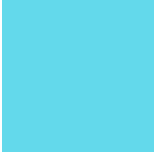
This preview shows how white text looks on a background with the Hex color 68D7F7.

# 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](#).

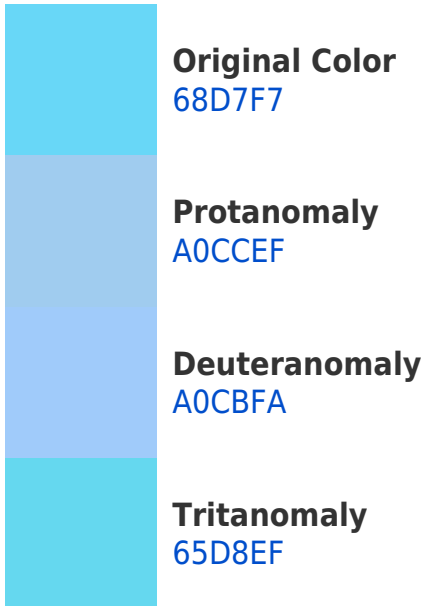
## Dichromacy



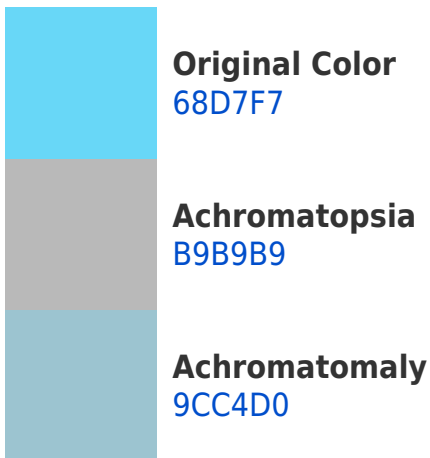


**Tritanopia**  
63D9EB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68D7F7 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 #68D7F7 looks like.

```
.text, #text, p{  
    color:#68D7F7  
}
```

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 #68D7F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68D7F7
}
```

## Border

The CSS property to change the border of an element to Hex 68D7F7 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
#68D7F7 }
```

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

```
.border{ border-color:#68D7F7 }
```

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

Here you see how a box with a 4 pixel #68D7F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68D7F7; -webkit-box-shadow:4px 4px  
4px 4px #68D7F7; box-shadow:4px 4px 4px  
4px #68D7F7 }
```

# Background

The CSS property to change the background color of an element to Hex 68D7F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68D7F7 }
```

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

```
.background{ background-color:#68D7F7 }
```

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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