

# Converting Colors

Hex(68E2FD)

Have a look what the booklet for  
Hex(68E2FD) contains.

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# **Color**

**Hex(68E2FD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	68E2FD
RGB	104, 226, 253
RGB Percent	41%, 89%, 99%
CMY	0.5922, 0.1137, 0.0078
CMYK	0.59, 0.11, 0.00, 0.01
HSL	191°, 97%, 70%
HSV	191°, 59%, 99%
XYZ	50.6349, 64.4276, 102.6955
YIQ	192.6000, -81.3790, -17.4670

# Conversions

## Conversions Part 2

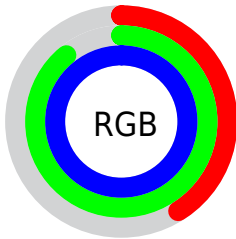
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 171, 253
Decimal	6873853
CIELab	84.19, -26.52, -23.40
CIELCh	84, 35.364, 221.428
Yxy	64.4276, 0.2325, 0.2959
Android (android.graphics.Color)	4285063933 (0xFF68E2FD)
YUV	192.6000, 29.7772, -77.7022
Hunter-Lab	80.2668, -27.8634, -19.6705

# Details

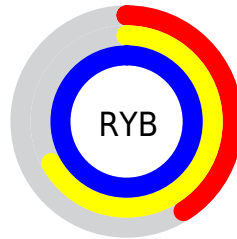
The Hex color **68E2FD** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **FD8368**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **A7FFFF**, and **13AAC4** is the 20% darker color. If you saturate the color by 10%, you get **4FDDFD**, and if you desaturate by 10%, it is **81E7FD**.

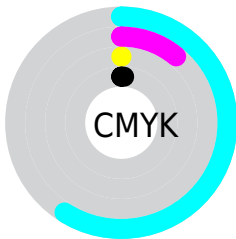
# Distribution



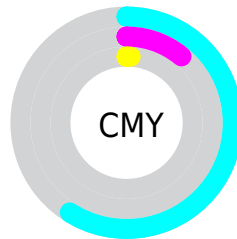
- Red (41%)
- Green (89%)
- Blue (99%)



- Red (41%)
- Yellow (67%)
- Blue (99%)



- Cyan (59%)
- Magenta (11%)
- Yellow (0%)
- Black (1%)



- Cyan (59%)
- Magenta (11%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68E2FD 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 68E2FD by changing the saturation by 10% instead.



 68E2FD

 68E2FD

FFFFFF

 45C6E0

 A7FFFF

 13AAC4

 C5FFFF

 0090A9

 E4FFFF

 00768F

 005D75

 00455C

 002E45

 00192E

 000119

■ 68E2FD

■ 68E2FD

■ 4FDDFD

■ 81E7FD

■ 35D9FD

■ 9BEBFD

■ 1CD4FD

■ B4F0FD

■ 03D0FD

■ CDF4FD

■ 00CFFD

■ E7F9FD

FFFEFD

FFFFFD

# Harmonies

## Analogous

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



6FE5DE



68E2FD



88DBFF

# Triad

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



68E2FD



FFBCE8



DDD490

# Complementary

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



68E2FD



FD8368

# 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.



FCC993



68E2FD



FFB9C6

# Square

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



68E2FD



E7C5FF



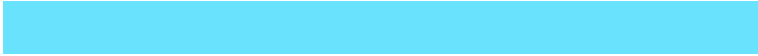
FFBEA7



B8DD9F

# Rectangle

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



68E2FD



A9D5FF



FFBEA7



E8D08F

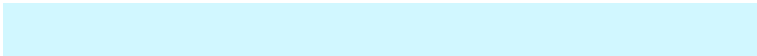


# Sweetspot

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



68E2FD



D1F7FF



68FD81



637A80



000000



808080



# Same Dimension

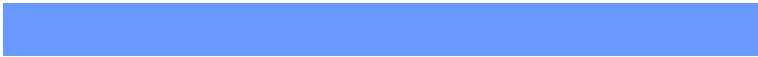
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68E2FD



4ADEFF



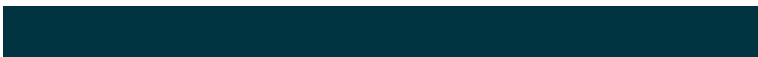
689AFD



737D80



009DBF



003440



# Inverse Universe

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



FD68E2



FF4ADE



FDCB68



80737D



BF009D

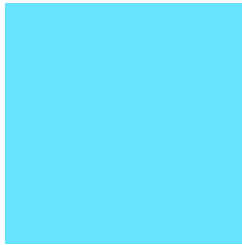


400034



# Previews

## White Background



This preview shows how the Hex color 68E2FD looks on a white background.

## Color Contrast Check

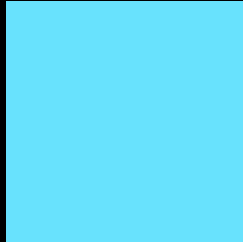
Large Text (above 18pt) WCAG AA × Fail

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 68E2FD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

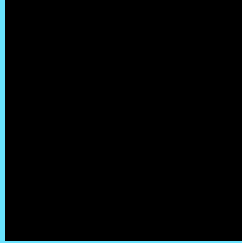
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 68E2FD Background



This preview shows how black text looks on a background with the Hex color 68E2FD.

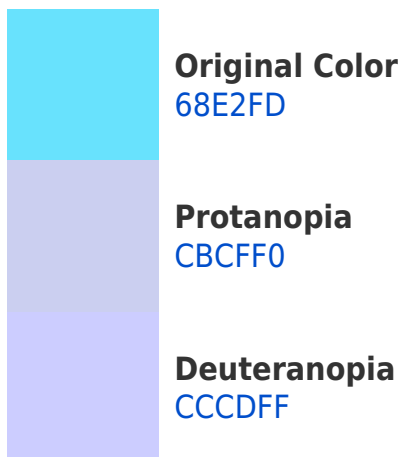


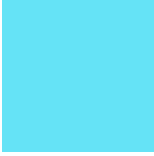
This preview shows how white text looks on a background with the Hex color 68E2FD.

# 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**  
65E3F6

# Trichromacy



**Original Color**  
68E2FD



**Protanomaly**  
A7D6F5



**Deuteranomaly**  
A8D5FE

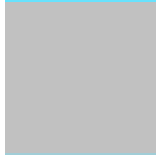


**Tritanomaly**  
66E3F9

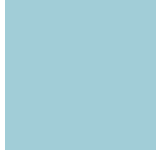
# Monochromacy



**Original Color**  
68E2FD



**Achromatopsia**  
C1C1C1



**Achromatomaly**  
A1CDD7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68E2FD 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 #68E2FD looks like.

```
.text, #text, p{  
    color:#68E2FD  
}
```

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 #68E2FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68E2FD
}
```

## Border

The CSS property to change the border of an element to Hex 68E2FD 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
#68E2FD }
```

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

```
.border{ border-color:#68E2FD }
```

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

Here you see how a box with a 4 pixel #68E2FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68E2FD; -webkit-box-shadow:4px 4px  
4px 4px #68E2FD; box-shadow:4px 4px 4px  
4px #68E2FD }
```

# Background

The CSS property to change the background color of an element to Hex 68E2FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68E2FD }
```

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

```
.background{ background-color:#68E2FD }
```

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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