

# Converting Colors

Hex(66E8F4)

Have a look what the booklet for  
Hex(66E8F4) contains.

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# **Color**

**Hex(66E8F4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66E8F4
RGB	102, 232, 244
RGB Percent	40%, 91%, 96%
CMY	0.6000, 0.0902, 0.0431
CMYK	0.58, 0.05, 0.00, 0.04
HSL	185°, 87%, 68%
HSV	185°, 58%, 96%
XYZ	50.6652, 67.0697, 95.8634
YIQ	194.4980, -81.3320, -23.8280

# Conversions

## Conversions Part 2

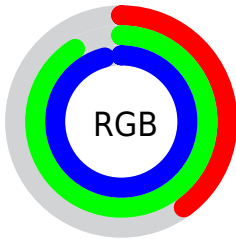
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	102, 170, 244
Decimal	6744308
CIE Lab	85.54, -32.26, -16.62
CIE LCh	86, 36.289, 207.258
Yxy	67.0697, 0.2372, 0.3140
Android (android.graphics.Color)	4284934388 (0xFF66E8F4)
YUV	194.4980, 24.4045, -81.1207
Hunter-Lab	81.8961, -32.8886, -12.0746

# Details

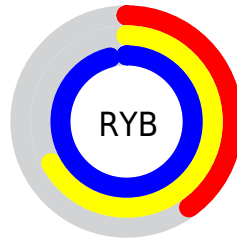
The Hex color **66E8F4** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **F47266**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **A5FFFF**, and **0DB0BC** is the 20% darker color. If you saturate the color by 10%, you get **4EE6F4**, and if you desaturate by 10%, it is **7EEAF4**.

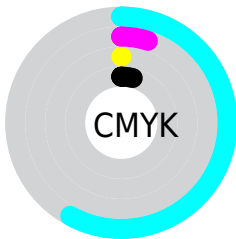
# Distribution



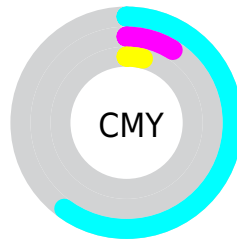
- Red (40%)
- Green (91%)
- Blue (96%)



- Red (40%)
- Yellow (67%)
- Blue (96%)



- Cyan (58%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (60%)
- Magenta (9%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66E8F4 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 66E8F4 by changing the saturation by 10% instead.



 66E8F4

 66E8F4

FFFFFF

 43CCD8

 A5FFFF

 0DB0BC

 C3FFFF

 0095A1

 E2FFFF

 007B87

 00616D

 004955

 00323E

 001D28

 000113

66E8F4

66E8F4

4EE6F4

7EEAF4

35E4F4

97ECF4

1DE2F4

AFEEF4

04E0F4

C8F0F4

00DFF4

E0F2F4

F8F4F4

FFF6F4

FFF8F4

FFFBF4

# Harmonies

## Analogous

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



7EE9D1



66E8F4



75E3FF

# Triad

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



66E8F4



FFC3FB



F1D391

# Complementary

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



66E8F4



F47266

# 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.



FFC79D



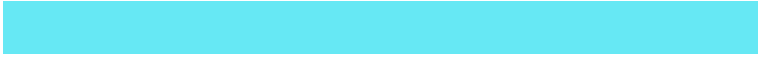
66E8F4



FFBCDA

# Square

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



66E8F4



D6CEFF



FFBEB8



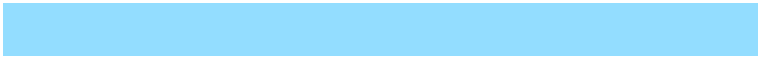
CDDD98

# Rectangle

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



66E8F4



93DDFF



FFBEB8



FBCF93

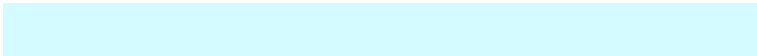


# Sweetspot

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



66E8F4



D4FBFF



66F472



667D80



000000



808080



# Same Dimension

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



66E8F4



4DF0FF



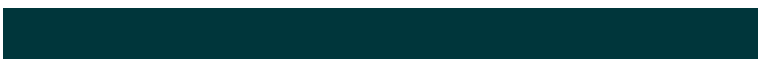
66A1F4



6E797A



00AABA



00363B



# Inverse Universe

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



F466E8



FF4DF0



F4B966



7A6E79



BA00AA

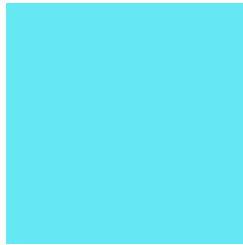


3B0036



# Previews

## White Background



This preview shows how the Hex color 66E8F4 looks on a white background.

## Color Contrast Check

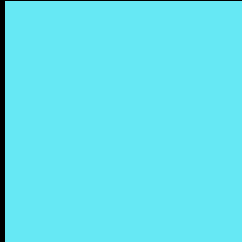
Large Text (above 18pt) WCAG AA × Fail

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 66E8F4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

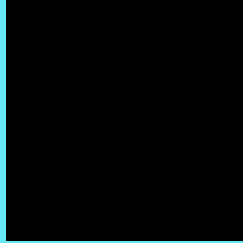
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 66E8F4 Background



This preview shows how black text looks on a background with the Hex color 66E8F4.

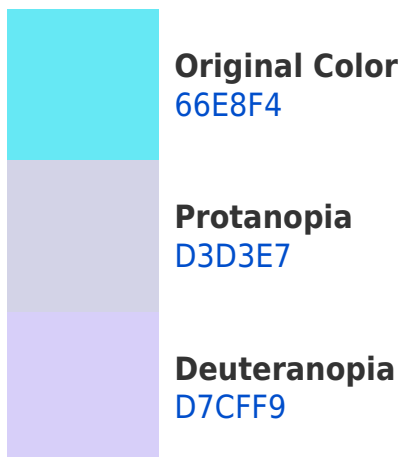


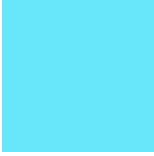
This preview shows how white text looks on a background with the Hex color 66E8F4.

# 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](#).

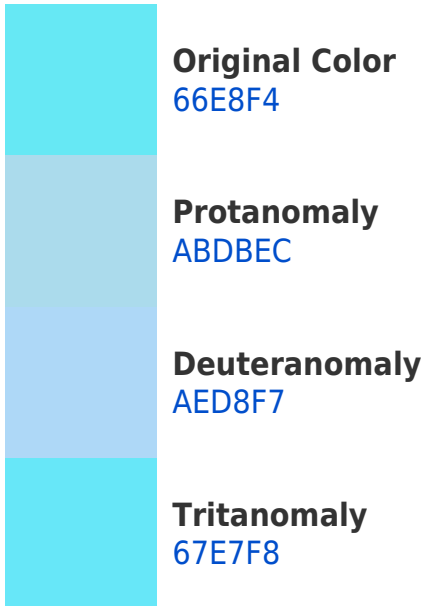
## Dichromacy



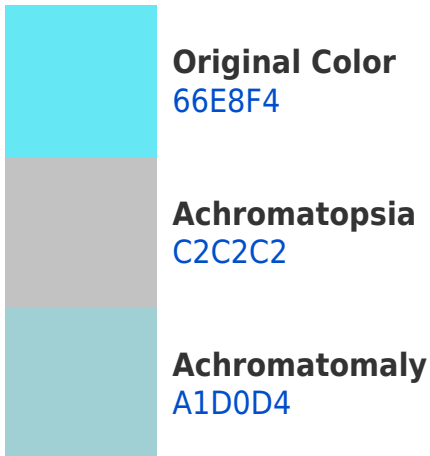


**Tritanopia**  
68E7FA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66E8F4 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 #66E8F4 looks like.

```
.text, #text, p{  
    color:#66E8F4  
}
```

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 #66E8F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66E8F4
}
```

## Border

The CSS property to change the border of an element to Hex 66E8F4 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
#66E8F4 }
```

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

```
.border{ border-color:#66E8F4 }
```

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

Here you see how a box with a 4 pixel #66E8F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66E8F4; -webkit-box-shadow:4px 4px  
4px 4px #66E8F4; box-shadow:4px 4px 4px  
4px #66E8F4 }
```

# Background

The CSS property to change the background color of an element to Hex 66E8F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66E8F4 }
```

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

```
.background{ background-color:#66E8F4 }
```

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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