

Converting Colors

Hex(66E8F5)

Have a look what the booklet for
Hex(66E8F5) contains.

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Color

Hex(66E8F5)

Conversions

Conversions Part 1

Format	Color
Hex	66E8F5
RGB	102, 232, 245
RGB Percent	40%, 91%, 96%
CMY	0.6000, 0.0902, 0.0392
CMYK	0.58, 0.05, 0.00, 0.04
HSL	185°, 88%, 68%
HSV	185°, 58%, 96%
XYZ	50.8175, 67.1306, 96.6653
YIQ	194.6120, -81.6530, -23.5170

Conversions

Conversions Part 2

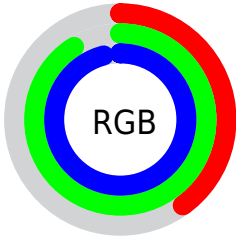
Format	Color
R _Y B	102, 170, 245
Decimal	6744309
CIE Lab	85.57, -31.99, -17.10
CIE LCh	86, 36.270, 208.130
Yxy	67.1306, 0.2368, 0.3128
Android (android.graphics.Color)	4284934389 (0xFF66E8F5)
YUV	194.6120, 24.8413, -81.2207
Hunter-Lab	81.9333, -32.6720, -12.5974

Details

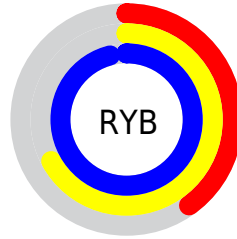
The Hex color **66E8F5** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **F57366**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **A5FFFF**, and **0CB0BD** is the 20% darker color. If you saturate the color by 10%, you get **4EE6F5**, and if you desaturate by 10%, it is **7FEAF5**.

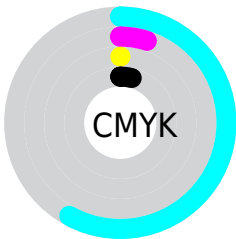
Distribution



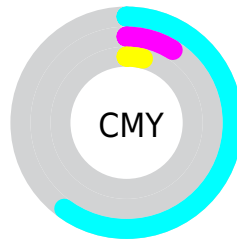
- Red (40%)
- Green (91%)
- Blue (96%)



- 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 66E8F5 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 66E8F5 by changing the saturation by 10% instead.

 66E8F5

 66E8F5

FFFFFF

 43CCD9

 A5FFFF

 0CB0BD

 C3FFFF

 0095A2

 E2FFFF

 007B88

 00616E

 004956

 00323F

 001D29

 000114

66E8F5

66E8F5

4EE6F5

7FEAF5

35E4F5

97ECF5

1CE1F5

B0EFF5

04DFF5

C8F1F5

00DFF5

E1F3F5

F9F5F5

FFF8F5

FFFAF5

FFFCF5

Harmonies

Analogous

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



7DE9D2



66E8F5



77E3FF

Triad

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



66E8F5



FFC2FB



F0D391

Complementary

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



66E8F5



F57366

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



66E8F5



FFBCD9

Square

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



66E8F5



D8CEFF



FFBEB7



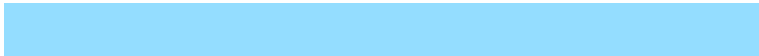
CCDE99

Rectangle

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



66E8F5



94DDFF



FFBEB7



FACF93

Sweetspot

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



66E8F5



D1FBFF



66F572



637D80



000000



808080

Same Dimension

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



66E8F5



4DEFFF



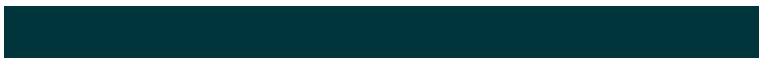
66A2F5



6E797A



00A9BA



00353B

Inverse Universe

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



F566E8



FF4DEF



F5B966



7A6E79



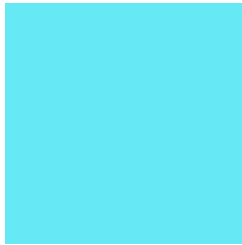
BA00A9



3B0035

Previews

White Background



This preview shows how the Hex color 66E8F5 looks on a white background.

Color Contrast Check

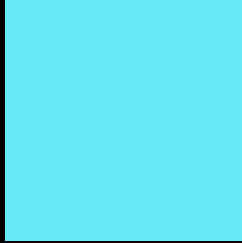
Large Text (above 18pt) WCAG AA × Fail

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 66E8F5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

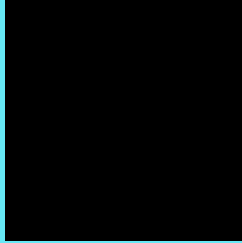
Any Text WCAG AA ✓ Pass

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 66E8F5 Background



This preview shows how black text looks on a background with the Hex color 66E8F5.

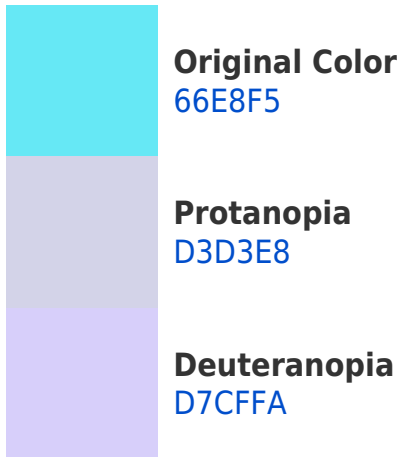


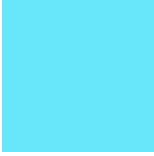
This preview shows how white text looks on a background with the Hex color 66E8F5.

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



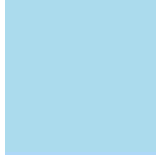


Tritanopia
68E7FA

Trichromacy



Original Color
66E8F5



Protanomaly
ABDBED



Deuteranomaly
AED8F8

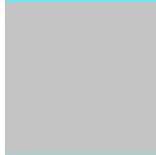


Tritanomaly
67E7F8

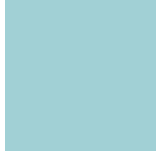
Monochromacy



Original Color
66E8F5



Achromatopsia
C3C3C3



Achromatomaly
A1D0D5

CSS Examples

Text

The CSS property to change the color of the text to Hex 66E8F5 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 #66E8F5 looks like.

```
.text, #text, p{  
    color:#66E8F5  
}
```

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 #66E8F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66E8F5
}
```

Border

The CSS property to change the border of an element to Hex 66E8F5 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
#66E8F5 }
```

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

```
.border{ border-color:#66E8F5 }
```

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

Here you see how a box with a 4 pixel #66E8F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66E8F5; -webkit-box-shadow:4px 4px  
4px 4px #66E8F5; box-shadow:4px 4px 4px  
4px #66E8F5 }
```

Background

The CSS property to change the background color of an element to Hex 66E8F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66E8F5 }
```

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

```
.background{ background-color:#66E8F5 }
```

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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