

Converting Colors

Hex(66E9F1)

Have a look what the booklet for
Hex(66E9F1) contains.

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Color

Hex(66E9F1)

Conversions

Conversions Part 1

Format	Color
Hex	66E9F1
RGB	102, 233, 241
RGB Percent	40%, 91%, 95%
CMY	0.6000, 0.0863, 0.0549
CMYK	0.58, 0.03, 0.00, 0.05
HSL	183°, 83%, 67%
HSV	183°, 58%, 95%
XYZ	50.4956, 67.4535, 93.5775
YIQ	194.7430, -80.6440, -25.2840

Conversions

Conversions Part 2

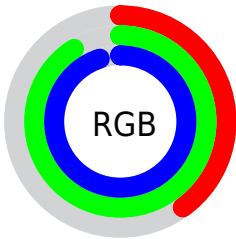
Format	Color
R _Y B	102, 169, 241
Decimal	6744561
CIE Lab	85.73, -33.55, -14.75
CIE LCh	86, 36.645, 203.737
Yxy	67.4535, 0.2387, 0.3189
Android (android.graphics.Color)	4284934641 (0xFF66E9F1)
YUV	194.7430, 22.8047, -81.3356
Hunter-Lab	82.1301, -33.9814, -10.0629

Details

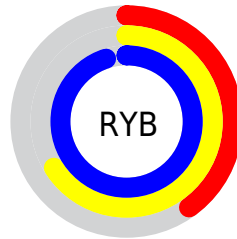
The Hex color **66E9F1** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **F16E66**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **A5FFFF**, and **0EB1B9** is the 20% darker color. If you saturate the color by 10%, you get **4EE8F1**, and if you desaturate by 10%, it is **7EEAF1**.

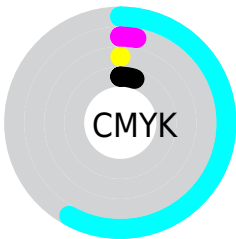
Distribution



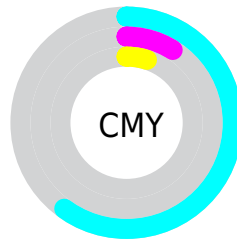
- Red (40%)
- Green (91%)
- Blue (95%)



- Red (40%)
- Yellow (66%)
- Blue (95%)



- Cyan (58%)
- Magenta (3%)
- Yellow (0%)
- Black (5%)



- Cyan (60%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66E9F1 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 66E9F1 by changing the saturation by 10% instead.

 66E9F1

FFFFFF

 A5FFFF

 C3FFFF

 E2FFFF

 66E9F1

 43CDD5

 0EB1B9

 00969E

 007C84

 00626B

 004A53

 00323C

 001E26

 000111

 66E9F1

 66E9F1

 4EE8F1

 7EEAF1

 36E6F1

 96ECF1

 1EE5F1

 AEEDF1

 06E3F1

 C6EFF1

 00E3F1

 DEF0F1

 F7F1F1

 FFF3F1

 FFF4F1

 FFF5F1

Harmonies

Analogous

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



82E9CE



66E9F1



70E5FF

Triad

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



66E9F1



FCC4FF



F5D291

Complementary

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



66E9F1



F16E66

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.



FFC6A0



66E9F1



FFBDDF

Square

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



66E9F1



D1D0FF



FFBEBC



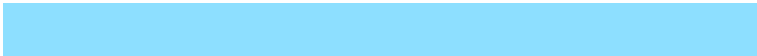
D2DD96

Rectangle

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



66E9F1



8DDFFF



FFBEBC



FFCE94

Sweetspot

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



66E9F1



D4FDFD



66F16D



667E80



000000



808080

Same Dimension

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



66E9F1



4FF5FF



66A5F1



6C7778



00ADB8



003538

Inverse Universe

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



F166E9



FF4FF5



F1B266



786C77



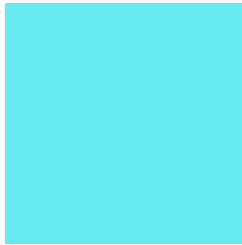
B800AD



380035

Previews

White Background



This preview shows how the Hex color 66E9F1 looks on a white background.

Color Contrast Check

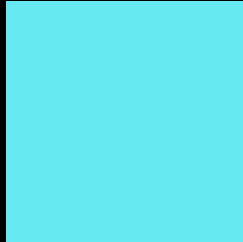
Large Text (above 18pt) WCAG AA × Fail

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 66E9F1 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 66E9F1 Background



This preview shows how black text looks on a background with the Hex color 66E9F1.

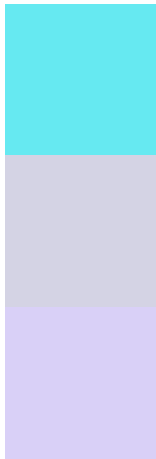


This preview shows how white text looks on a background with the Hex color 66E9F1.

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](#).

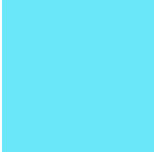
Dichromacy



Original Color
66E9F1

Protanopia
D4D3E4

Deuteranopia
D9D0F7

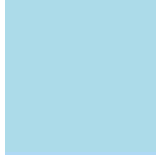


Tritanopia
6AE8FA

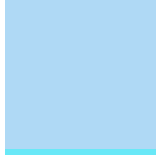
Trichromacy



Original Color
66E9F1



Protanomaly
ACDBE9



Deuteranomaly
AFD9F5

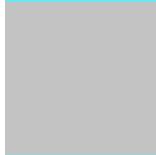


Tritanomaly
69E8F7

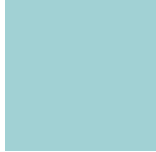
Monochromacy



Original Color
66E9F1



Achromatopsia
C3C3C3



Achromatomaly
A1D1D4

CSS Examples

Text

The CSS property to change the color of the text to Hex 66E9F1 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 #66E9F1 looks like.

```
.text, #text, p{  
    color:#66E9F1  
}
```

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 #66E9F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66E9F1
}
```

Border

The CSS property to change the border of an element to Hex 66E9F1 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
#66E9F1 }
```

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

```
.border{ border-color:#66E9F1 }
```

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

Here you see how a box with a 4 pixel #66E9F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66E9F1; -webkit-box-shadow:4px 4px  
4px 4px #66E9F1; box-shadow:4px 4px 4px  
4px #66E9F1 }
```

Background

The CSS property to change the background color of an element to Hex 66E9F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66E9F1 }
```

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

```
.background{ background-color:#66E9F1 }
```

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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