

Converting Colors

Hex(66E2F2)

Have a look what the booklet for
Hex(66E2F2) contains.

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Color

Hex(66E2F2)

Conversions

Conversions Part 1

Format	Color
Hex	66E2F2
RGB	102, 226, 242
RGB Percent	40%, 89%, 95%
CMY	0.6000, 0.1137, 0.0510
CMYK	0.58, 0.07, 0.00, 0.05
HSL	187°, 84%, 67%
HSV	187°, 58%, 95%
XYZ	48.7029, 63.6283, 93.7190
YIQ	190.7480, -79.0400, -21.3120

Conversions

Conversions Part 2

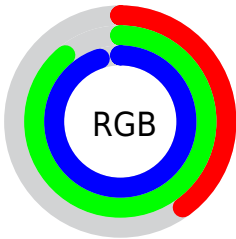
Format	Color
RYB	102, 168, 242
Decimal	6742770
CIELab	83.77, -29.94, -18.23
CIELCh	84, 35.056, 211.328
Yxy	63.6283, 0.2364, 0.3088
Android (android.graphics.Color)	4284932850 (0xFF66E2F2)
YUV	190.7480, 25.2672, -77.8320
Hunter-Lab	79.7673, -30.6077, -13.8229

Details

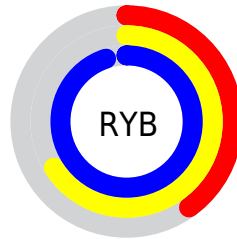
The Hex color **66E2F2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **F27666**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **A4FFFF**, and **11AABA** is the 20% darker color. If you saturate the color by 10%, you get **4EDFF2**, and if you desaturate by 10%, it is **7EE5F2**.

Distribution



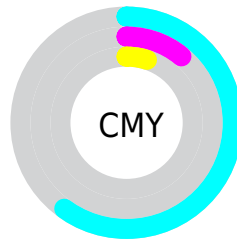
- Red (40%)
- Green (89%)
- Blue (95%)



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



- Cyan (58%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



- Cyan (60%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66E2F2 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 66E2F2 by changing the saturation by 10% instead.

 66E2F2

FFFFFF


 A4FFFF


 C3FFFF

 E1FFFF

 66E2F2

 44C6D6

 11AABA

 00909F

 007685

 005C6C

 004453

 002D3C

 001726

 000111

 66E2F2

 66E2F2

 4EDFF2

 7EE5F2

 36DCF2

 96E8F2

 1DDAF2

 AFEAF2

 05D7F2

 C7EDF2

 00D6F2

 DFF0F2

 F7F3F2

 FFF5F2

 FFF8F2

 FFFBF2

Harmonies

Analogous

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



79E3D1



66E2F2



7ADDFE

Triad

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



66E2F2



FCBDF1



E7CF8F

Complementary

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



66E2F2



F27666

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.



FFC498



66E2F2



FFB8D1

Square

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



66E2F2



D7C8FF



FFBBB0



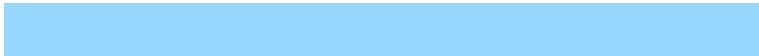
C3D998

Rectangle

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



66E2F2



97D7FF



FFBBB0



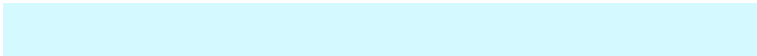
F1CB90

Sweetspot

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



66E2F2



D4FAFF



66F274



667D80



000000



808080

Same Dimension

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



66E2F2



4FEBFF



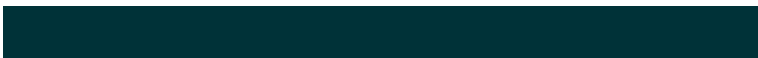
669EF2



6C7678



00A3B8



003238

Inverse Universe

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



F266E2



FF4FEB



F2BA66



786C76



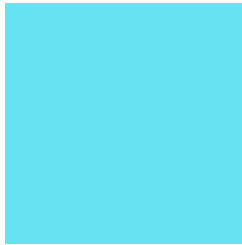
B800A3



380032

Previews

White Background



This preview shows how the Hex color 66E2F2 looks on a white background.

Color Contrast Check

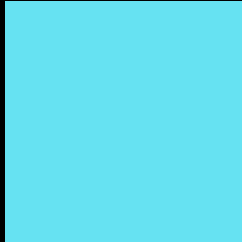
Large Text (above 18pt) WCAG AA × Fail

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 66E2F2 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 66E2F2 Background



This preview shows how black text looks on a background with the Hex color 66E2F2.

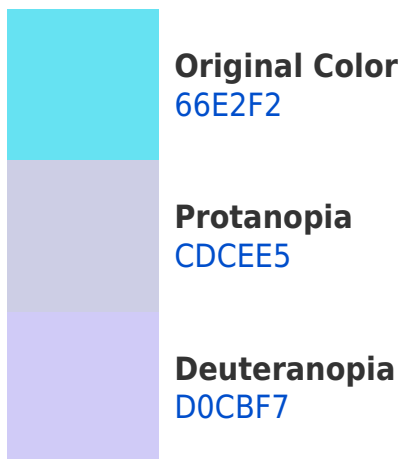


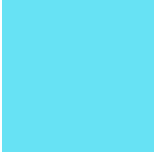
This preview shows how white text looks on a background with the Hex color 66E2F2.

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



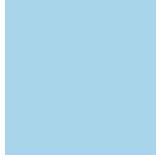


Tritanopia
67E2F4

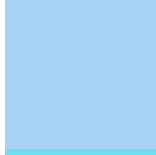
Trichromacy



Original Color
66E2F2



Protanomaly
A8D5EA



Deuteranomaly
A9D3F5

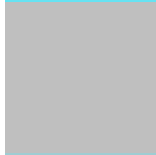


Tritanomaly
67E2F3

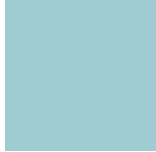
Monochromacy



Original Color
66E2F2



Achromatopsia
BFBFBF



Achromatomaly
9FCCD2

CSS Examples

Text

The CSS property to change the color of the text to Hex 66E2F2 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 #66E2F2 looks like.

```
.text, #text, p{  
    color:#66E2F2  
}
```

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 #66E2F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66E2F2
}
```

Border

The CSS property to change the border of an element to Hex 66E2F2 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
#66E2F2 }
```

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

```
.border{ border-color:#66E2F2 }
```

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

Here you see how a box with a 4 pixel #66E2F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66E2F2; -webkit-box-shadow:4px 4px  
4px 4px #66E2F2; box-shadow:4px 4px 4px  
4px #66E2F2 }
```

Background

The CSS property to change the background color of an element to Hex 66E2F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66E2F2 }
```

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

```
.background{ background-color:#66E2F2 }
```

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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