

Converting Colors

Hex(66E0E9)

Have a look what the booklet for
Hex(66E0E9) contains.

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Color

Hex(66E0E9)

Conversions

Conversions Part 1

Format	Color
Hex	66E0E9
RGB	102, 224, 233
RGB Percent	40%, 88%, 91%
CMY	0.6000, 0.1216, 0.0863
CMYK	0.56, 0.04, 0.00, 0.09
HSL	184°, 75%, 66%
HSV	184°, 56%, 91%
XYZ	46.8431, 62.0193, 86.5928
YIQ	188.5480, -75.6010, -23.0650

Conversions

Conversions Part 2

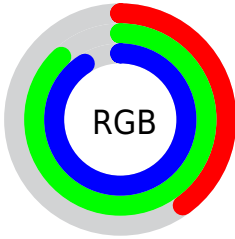
Format	Color
RYB	102, 165, 233
Decimal	6742249
CIELab	82.92, -31.45, -14.74
CIElCh	83, 34.731, 205.113
Yxy	62.0193, 0.2397, 0.3173
Android (android.graphics.Color)	4284932329 (0xFF66E0E9)
YUV	188.5480, 21.9148, -75.9026
Hunter-Lab	78.7523, -31.6419, -10.0662

Details

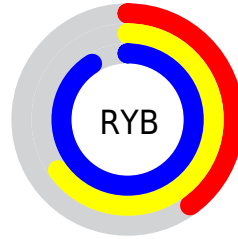
The Hex color **66E0E9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E96F66**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **A3FFFF**, and **16A8B1** is the 20% darker color. If you saturate the color by 10%, you get **4FDEE9**, and if you desaturate by 10%, it is **7DE2E9**.

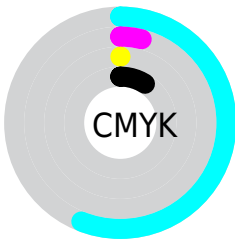
Distribution



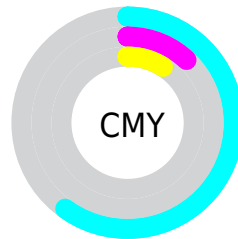
- Red (40%)
- Green (88%)
- Blue (91%)



- Red (40%)
- Yellow (65%)
- Blue (91%)



- Cyan (56%)
- Magenta (4%)
- Yellow (0%)
- Black (9%)



- Cyan (60%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66E0E9 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 66E0E9 by changing the saturation by 10% instead.

 66E0E9

 66E0E9

FFFFFF

 45C4CD

 A3FFFF

 16A8B1

 C2FFFF

 008E97

 E0FFFF

 00747D

FEFFFF

 005B64

 00424C

 002C35

 001320

 000006

■ 66E0E9

■ 66E0E9

■ 4FDEE9

■ 7DE2E9

■ 37DDE9

■ 95E3E9

■ 20DBE9

■ ACE5E9

■ 09DAE9

■ C3E6E9

■ 00D9E9

■ DBE8E9

■ F2EAE9

■ FFEBE9

■ FFEDE9

■ FFEEE9

Harmonies

Analogous

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



7EE0C8



66E0E9



72DCFF

Triad

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



66E0E9



F3BDF4



EACB8E

Complementary

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



66E0E9



E96F66

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.



FFC09A



66E0E9



FFB7D5

Square

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



66E0E9



CCC8FF



FFB8B4



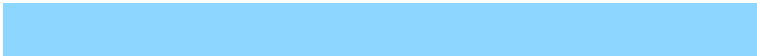
C9D593

Rectangle

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



66E0E9



8CD6FF



FFB8B4



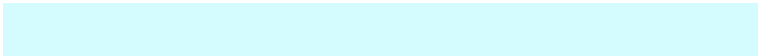
F4C790

Sweetspot

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



66E0E9



D4FCFF



66E96F



667E80



000000



808080

Same Dimension

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



66E0E9



54F3FF



669FE9



6A7475



00A9B5



003236

Inverse Universe

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



E966E0



FF54F3



E9B066



756A74



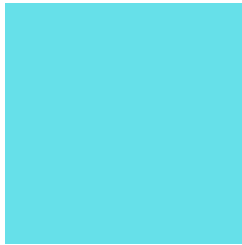
B500A9



360032

Previews

White Background



This preview shows how the Hex color 66E0E9 looks on a white background.

Color Contrast Check

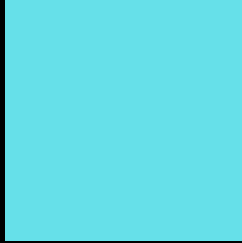
Large Text (above 18pt) WCAG AA × Fail

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 66E0E9 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 66E0E9 Background



This preview shows how black text looks on a background with the Hex color 66E0E9.

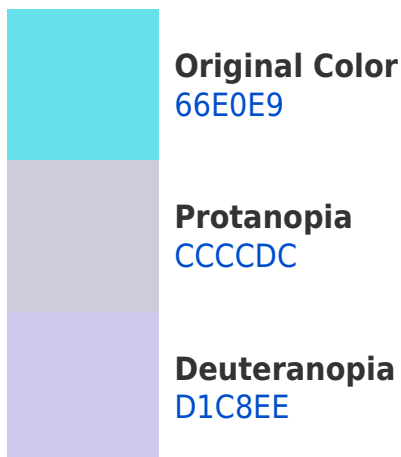


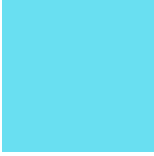
This preview shows how white text looks on a background with the Hex color 66E0E9.

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](#).

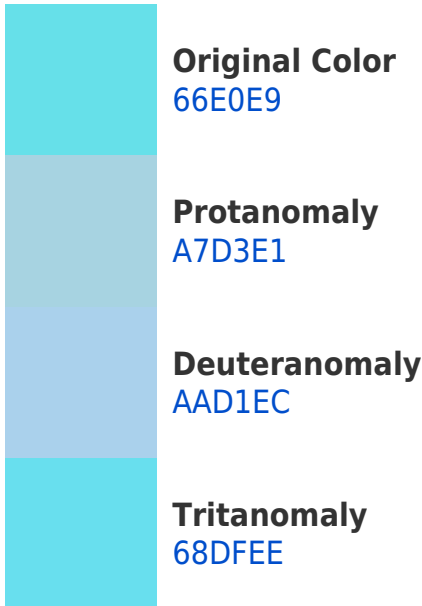
Dichromacy



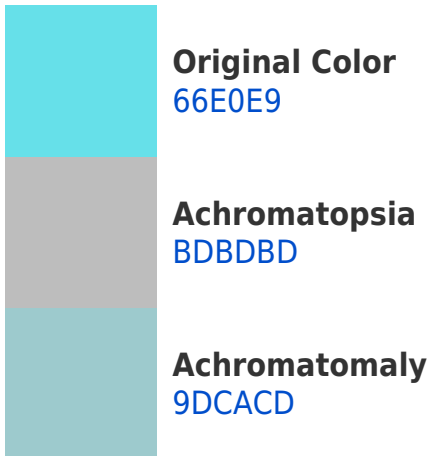


Tritanopia
69DFF1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66E0E9 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 #66E0E9 looks like.

```
.text, #text, p{  
    color:#66E0E9  
}
```

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 #66E0E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66E0E9
}
```

Border

The CSS property to change the border of an element to Hex 66E0E9 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
#66E0E9 }
```

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

```
.border{ border-color:#66E0E9 }
```

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

Here you see how a box with a 4 pixel #66E0E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66E0E9; -webkit-box-shadow:4px 4px  
4px 4px #66E0E9; box-shadow:4px 4px 4px  
4px #66E0E9 }
```

Background

The CSS property to change the background color of an element to Hex 66E0E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66E0E9 }
```

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

```
.background{ background-color:#66E0E9 }
```

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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