

Converting Colors

Hex(69E0EE)

Have a look what the booklet for
Hex(69E0EE) contains.

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Color

Hex(69E0EE)

Conversions

Conversions Part 1

Format	Color
Hex	69E0EE
RGB	105, 224, 238
RGB Percent	41%, 88%, 93%
CMY	0.5882, 0.1216, 0.0667
CMYK	0.56, 0.06, 0.00, 0.07
HSL	186°, 80%, 67%
HSV	186°, 56%, 93%
XYZ	47.9140, 62.4876, 90.4249
YIQ	190.0150, -75.4180, -20.8740

Conversions

Conversions Part 2

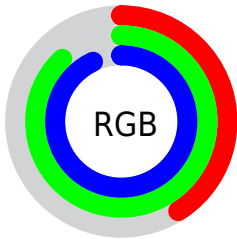
Format	Color
RYB	105, 168, 238
Decimal	6938862
CIELab	83.17, -29.53, -17.01
CIELCh	83, 34.078, 209.935
Yxy	62.4876, 0.2386, 0.3112
Android (android.graphics.Color)	4285128942 (0xFF69E0EE)
YUV	190.0150, 23.6566, -74.5582
Hunter-Lab	79.0491, -30.1419, -12.4879

Details

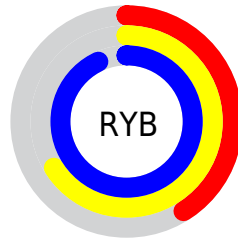
The Hex color **69E0EE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **EE7769**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **A6FFFF**, and **1DA8B6** is the 20% darker color. If you saturate the color by 10%, you get **51DDEE**, and if you desaturate by 10%, it is **81E3EE**.

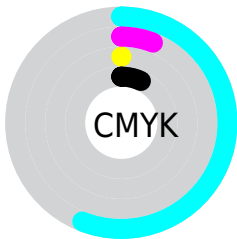
Distribution



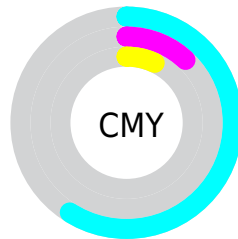
- Red (41%)
- Green (88%)
- Blue (93%)



- Red (41%)
- Yellow (66%)
- Blue (93%)



- Cyan (56%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (59%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 69E0EE 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 69E0EE by changing the saturation by 10% instead.

 69E0EE

 69E0EE

FFFFFF

 48C4D2

 A6FFFF

 1DA8B6

 C4FFFF

 008E9B

 E3FFFF

 007481

 005B68

 004350

 002C39

 001524

 00010D

69E0EE

69E0EE

51DDEE

81E3EE

39DBEE

99E5EE

22D8EE

B0E8EE

0AD6EE

C8EAEE

00D5EE

E0EDEE

F8EFEE

FFF2EE

FFF4EE

FFF7EE

Harmonies

Analogous

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



7CE1CE



69E0EE



7ADBFF

Triad

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



69E0EE



F8BDF0



E6CD8F

Complementary

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



69E0EE



EE7769

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.



FFC299



69E0EE



FFB7D0

Square

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



69E0EE



D4C7FF



FFBAB1



C4D797

Rectangle

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



69E0EE



96D5FF



FFBAB1



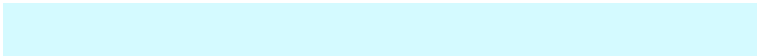
F0C990

Sweetspot

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



69E0EE



D4FAFF



69EE76



667D80



000000



808080

Same Dimension

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



69E0EE



54EDFF



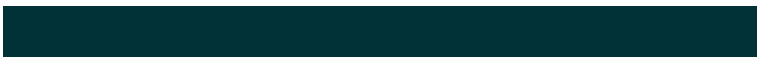
699EEE



6C7778



00A4B8



003238

Inverse Universe

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



EE69E0



FF54ED



EEB969



786C77



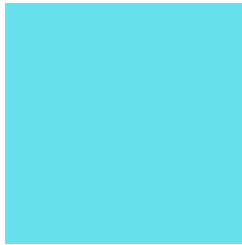
B800A4



380032

Previews

White Background



This preview shows how the Hex color 69E0EE looks on a white background.

Color Contrast Check

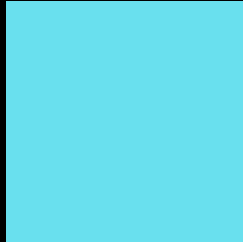
Large Text (above 18pt) WCAG AA × Fail

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 69E0EE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

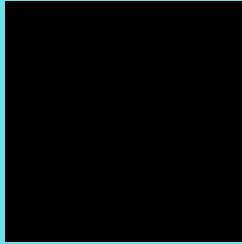
Any Text WCAG AA ✓ Pass

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 69E0EE Background



This preview shows how black text looks on a background with the Hex color 69E0EE.

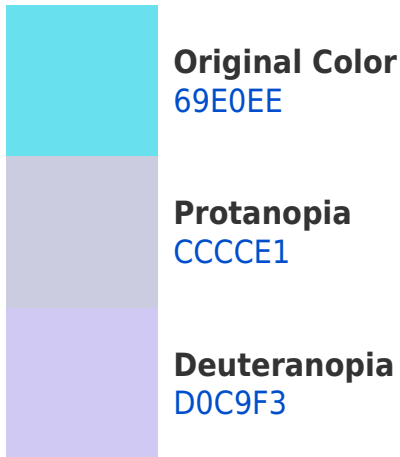


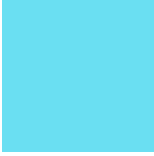
This preview shows how white text looks on a background with the Hex color 69E0EE.

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](#).

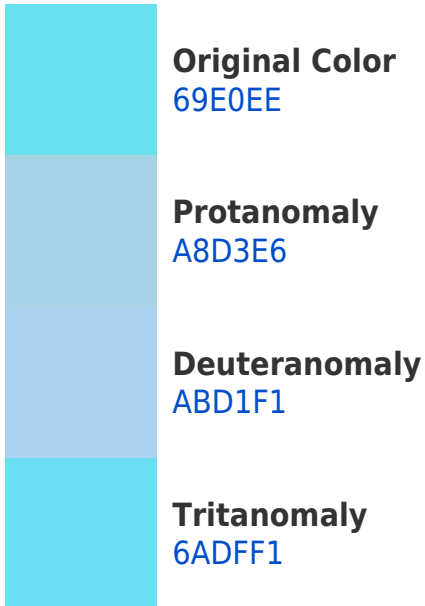
Dichromacy



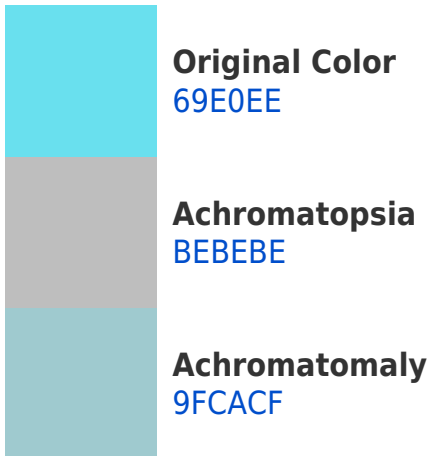


Tritanopia
6ADFF2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 69E0EE 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 #69E0EE looks like.

```
.text, #text, p{  
    color:#69E0EE  
}
```

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 #69E0EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69E0EE
}
```

Border

The CSS property to change the border of an element to Hex 69E0EE 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
#69E0EE }
```

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

```
.border{ border-color:#69E0EE }
```

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

Here you see how a box with a 4 pixel #69E0EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69E0EE; -webkit-box-shadow:4px 4px  
4px 4px #69E0EE; box-shadow:4px 4px 4px  
4px #69E0EE }
```

Background

The CSS property to change the background color of an element to Hex 69E0EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69E0EE }
```

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

```
.background{ background-color:#69E0EE }
```

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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