

# Converting Colors

Hex(6FC5EE)

Have a look what the booklet for  
Hex(6FC5EE) contains.

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# **Color**

**Hex(6FC5EE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6FC5EE
RGB	111, 197, 238
RGB Percent	44%, 77%, 93%
CMY	0.5647, 0.2275, 0.0667
CMYK	0.53, 0.17, 0.00, 0.07
HSL	199°, 79%, 68%
HSV	199°, 53%, 93%
XYZ	41.9544, 49.4851, 88.2293
YIQ	175.9600, -64.4170, -5.4810

# Conversions

## Conversions Part 2

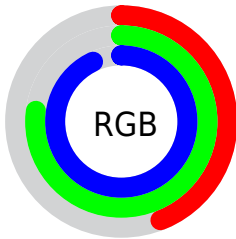
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">111, 162, 238</a>
Decimal	<a href="#">7325166</a>
CIELab	<a href="#">75.75, -14.78, -28.26</a>
CIELCh	<a href="#">76, 31.897, 242.389</a>
Yxy	<a href="#">49.4851, 0.2335, 0.2754</a>
Android (android.graphics.Color)	<a href="#">4285515246 (0xFF6FC5EE)</a>
YUV	<a href="#">175.9600, 30.5857, -56.9699</a>
Hunter-Lab	<a href="#">70.3456, -16.6467, -25.1211</a>

# Details

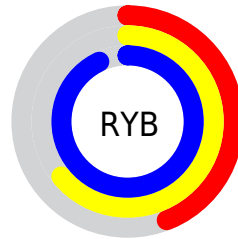
The Hex color **6FC5EE** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EE986F**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **AAFEFF**, and **2E8FB6** is the 20% darker color. If you saturate the color by 10%, you get **57BDEE**, and if you desaturate by 10%, it is **87CDEE**.

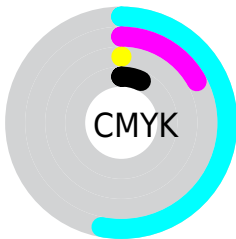
# Distribution



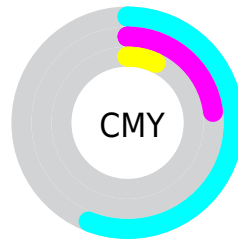
- Red (44%)
- Green (77%)
- Blue (93%)



- Red (44%)
- Yellow (64%)
- Blue (93%)



- Cyan (53%)
- Magenta (17%)
- Yellow (0%)
- Black (7%)



- Cyan (56%)
- Magenta (23%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FC5EE 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 6FC5EE by changing the saturation by 10% instead.



 6FC5EE

 6FC5EE

FFFFFF

 50AAD2

 AAFFFF

 2E8FB6


 C8FFFF

 00769B

 E5FFFF

 005D81

 004568

 002F4F

 001B38

 000223

 000009

 6FC5EE

 6FC5EE

 57BDEE

 87CDEE

 3FB6EE

 9FD4EE

 28AE EE

 B6DCEE

 10A6EE

 CEE4EE

 00A1EE

 E6EBEE

 FEF3EE

 FFFBEE

 FFFFEE

# Harmonies

## Analogous

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



5CCAD9



6FC5EE



98BDF5

# Triad

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



6FC5EE



F4A5B9



AEC288

# Complementary

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



6FC5EE



EE986F

# 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.



CDBA80



6FC5EE



F4A79D

# Square

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



6FC5EE



E2A9D6



E6B087



8BC89F

# Rectangle

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



6FC5EE



B5B6F1



E6B087



B9C084

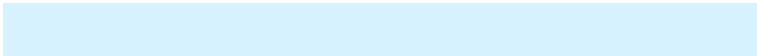


# Sweetspot

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



6FC5EE



D6F2FF



6FEE97



677880



000000



808080



# Same Dimension

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



6FC5EE



5CCAFF



6F86EE



6C7478



007CB8



002638



# Inverse Universe

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



EE6FC5



FF5CCA



EED76F



786C74



B8007C

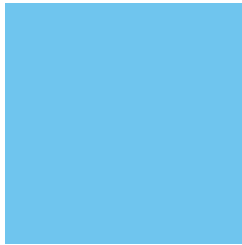


380026



# Previews

## White Background



This preview shows how the Hex color 6FC5EE looks on a white background.

## Color Contrast Check

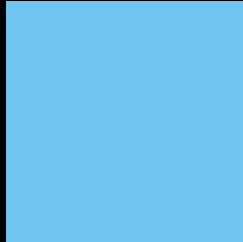
Large Text (above 18pt) WCAG AA × Fail

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 6FC5EE 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 6FC5EE Background



This preview shows how black text looks on a background with the Hex color 6FC5EE.



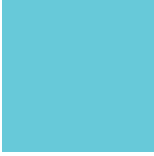
This preview shows how white text looks on a background with the Hex color 6FC5EE.

# 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](#).

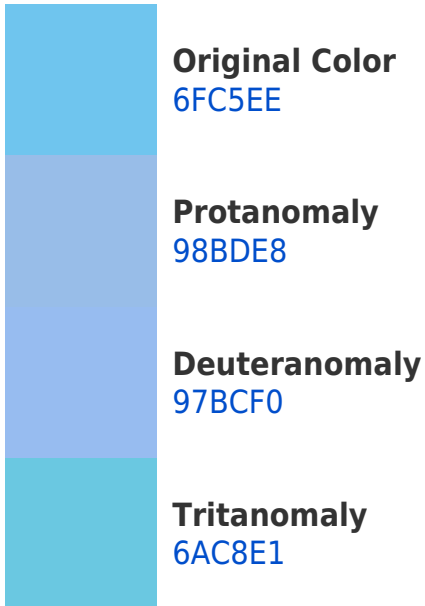
## Dichromacy



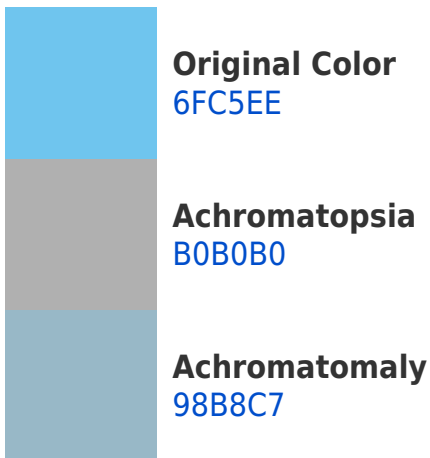


**Tritanopia**  
67C9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FC5EE 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 #6FC5EE looks like.

```
.text, #text, p{  
    color:#6FC5EE  
}
```

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 #6FC5EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FC5EE
}
```

## Border

The CSS property to change the border of an element to Hex 6FC5EE 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
#6FC5EE }
```

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

```
.border{ border-color:#6FC5EE }
```

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

Here you see how a box with a 4 pixel #6FC5EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FC5EE; -webkit-box-shadow:4px 4px  
4px 4px #6FC5EE; box-shadow:4px 4px 4px  
4px #6FC5EE }
```

# Background

The CSS property to change the background color of an element to Hex 6FC5EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FC5EE }
```

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

```
.background{ background-color:#6FC5EE }
```

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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