

Converting Colors

Hex(6ED7EF)

Have a look what the booklet for
Hex(6ED7EF) contains.

Hex(6ED7EF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6ED7EF)

Conversions

Conversions Part 1

Format	Color
Hex	6ED7EF
RGB	110, 215, 239
RGB Percent	43%, 84%, 94%
CMY	0.5686, 0.1569, 0.0627
CMYK	0.54, 0.10, 0.00, 0.06
HSL	191°, 80%, 68%
HSV	191°, 54%, 94%
XYZ	46.3108, 58.1479, 90.4442
YIQ	186.3410, -70.2840, -14.7960

Conversions

Conversions Part 2

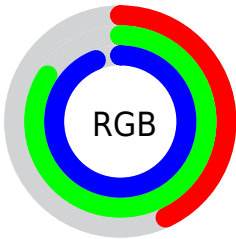
Format	Color
R _{YB}	110, 168, 239
Decimal	7264239
CIE _{Lab}	80.82, -23.89, -21.07
CIE _{LCh}	81, 31.853, 221.419
Yxy	58.1479, 0.2376, 0.2983
Android (android.graphics.Color)	4285454319 (0xFF6ED7EF)
YUV	186.3410, 25.9609, -66.9511
Hunter-Lab	76.2548, -25.0397, -16.9443

Details

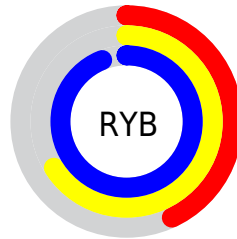
The Hex color **6ED7EF** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **EF866E**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **AAFFFF**, and **29A0B7** is the 20% darker color. If you saturate the color by 10%, you get **56D3EF**, and if you desaturate by 10%, it is **86DBEF**.

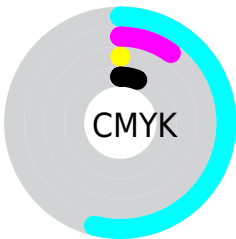
Distribution



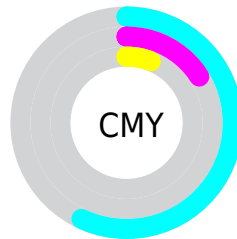
- Red (43%)
- Green (84%)
- Blue (94%)



- Red (43%)
- Yellow (66%)
- Blue (94%)



- Cyan (54%)
- Magenta (10%)
- Yellow (0%)
- Black (6%)



- Cyan (57%)
- Magenta (16%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6ED7EF 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 6ED7EF by changing the saturation by 10% instead.

 6ED7EF

 6ED7EF

FFFFFF

 4EBBD3

 AAFFFF

 29A0B7

 C8FFFF

 00869C

 E6FFFF

 006C82

 005469

 003C51

 00263A

 000824

 00010D

6ED7EF

6ED7EF

56D3EF

86DBEF

3ECEEF

9EE0EF

26CAEF

B6E4EF

0EC5EF

CEE9EF

00C3EF

E5EDEF

FDF2EF

FFF6EF

FFFB EF

FFFF EF

Harmonies

Analogous

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



73D9D3



6ED7EF



89D1FF

Triad

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



6ED7EF



F8B5DC



D2CA8E

Complementary

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



6ED7EF



EF866E

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.



EEC091



6ED7EF



FFB3BE

Square

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



6ED7EF



DBBDF5



FFB7A3



B1D39B

Rectangle

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



6ED7EF



A5CBFF



FFB7A3



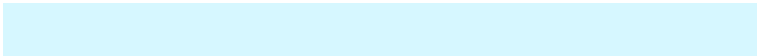
DDC78D

Sweetspot

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



6ED7EF



D6F7FF



6EEF86



677B80



000000



808080

Same Dimension

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



6ED7EF



59E0FF



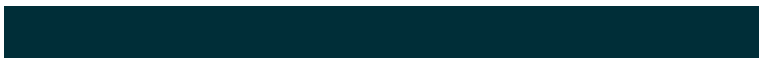
6E97EF



6C7678



0095B8



002E38

Inverse Universe

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



EF6ED7



FF59E0



EFC66E



786C76



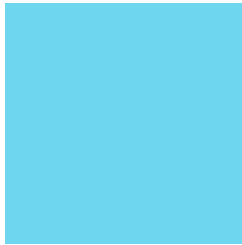
B80095



38002E

Previews

White Background



This preview shows how the Hex color 6ED7EF looks on a white background.

Color Contrast Check

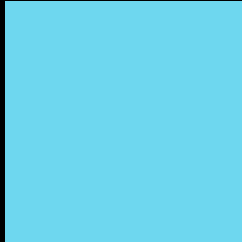
Large Text (above 18pt) WCAG AA × Fail

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 6ED7EF 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 6ED7EF Background



This preview shows how black text looks on a background with the Hex color 6ED7EF.

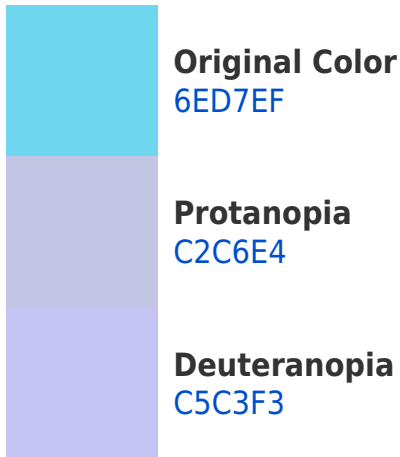


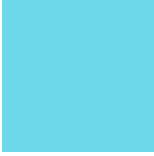
This preview shows how white text looks on a background with the Hex color 6ED7EF.

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](#).

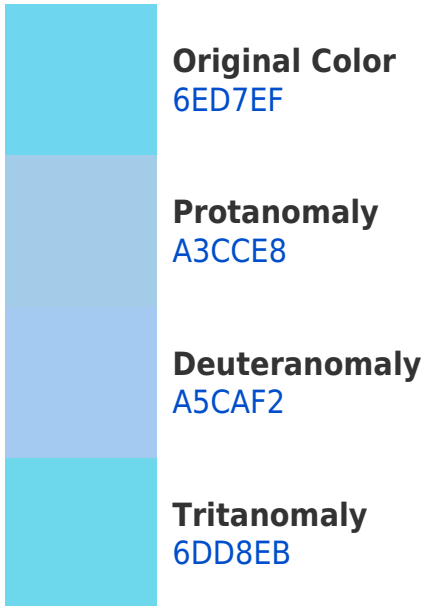
Dichromacy



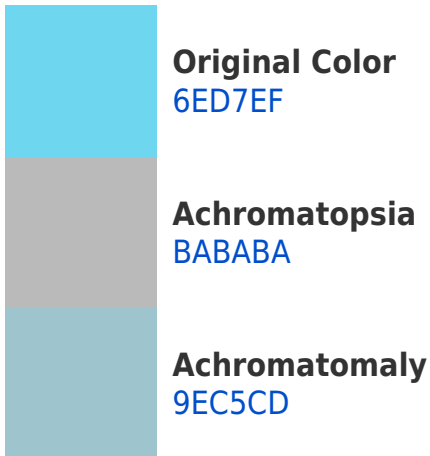


Tritanopia
6CD8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6ED7EF 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 #6ED7EF looks like.

```
.text, #text, p{  
    color:#6ED7EF  
}
```

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 #6ED7EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6ED7EF
}
```

Border

The CSS property to change the border of an element to Hex 6ED7EF 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
#6ED7EF }
```

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

```
.border{ border-color:#6ED7EF }
```

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

Here you see how a box with a 4 pixel #6ED7EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6ED7EF; -webkit-box-shadow:4px 4px  
4px 4px #6ED7EF; box-shadow:4px 4px 4px  
4px #6ED7EF }
```

Background

The CSS property to change the background color of an element to Hex 6ED7EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6ED7EF }
```

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

```
.background{ background-color:#6ED7EF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor