

Converting Colors

Hex(6ED9EF)

Have a look what the booklet for
Hex(6ED9EF) contains.

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Color

Hex(6ED9EF)

Conversions

Conversions Part 1

Format	Color
Hex	6ED9EF
RGB	110, 217, 239
RGB Percent	43%, 85%, 94%
CMY	0.5686, 0.1490, 0.0627
CMYK	0.54, 0.09, 0.00, 0.06
HSL	190°, 80%, 68%
HSV	190°, 54%, 94%
XYZ	46.8232, 59.1727, 90.6150
YIQ	187.5150, -70.8340, -15.8420

Conversions

Conversions Part 2

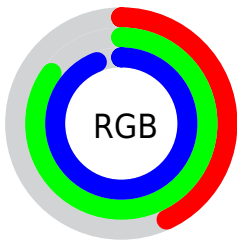
Format	Color
R _Y B	110, 168, 239
Decimal	7264751
CIE Lab	81.39, -24.88, -20.22
CIE LCh	81, 32.056, 219.098
Yxy	59.1727, 0.2382, 0.3010
Android (android.graphics.Color)	4285454831 (0xFF6ED9EF)
YUV	187.5150, 25.3821, -67.9807
Hunter-Lab	76.9238, -25.9643, -15.9960

Details

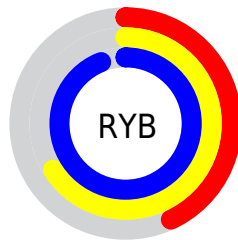
The Hex color **6ED9EF** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **EF846E**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **AAFFFF**, and **29A2B7** is the 20% darker color. If you saturate the color by 10%, you get **56D5EF**, and if you desaturate by 10%, it is **86DDEF**.

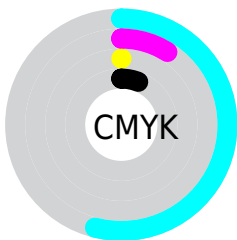
Distribution



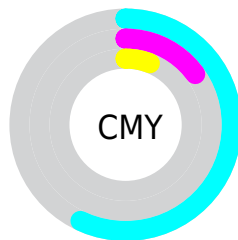
- Red (43%)
- Green (85%)
- Blue (94%)



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



- Cyan (54%)
- Magenta (9%)
- Yellow (0%)
- Black (6%)



- Cyan (57%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6ED9EF 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 6ED9EF by changing the saturation by 10% instead.

 6ED9EF

 6ED9EF

FFFFFF

 4EBDD3

 AAFFFF

 29A2B7

 C8FFFF

 00879C

 E6FFFF

 006E82

 005569

 003E51

 00273A

 000C24

 00010D

 6ED9EF

 6ED9EF

 56D5EF

 86DDEF

 3ED1EF

 9EE1EF

 26CDEF

 B6E5EF

 0EC9EF

 CEE9EF

 00C6EF

 E5EDEF

 FDF1EF

 FFF6EF

 FFFAEF

 FFFEEF

Harmonies

Analogous

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



76DBD3



6ED9EF



87D3FF

Triad

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



6ED9EF



F8B7E0



D7CB8F

Complementary

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



6ED9EF



EF846E

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.



F2C193



6ED9EF



FFB4C2

Square

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



6ED9EF



DABFF9



FFB8A6



B5D49B

Rectangle

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



6ED9EF



A3CDFF



FFB8A6



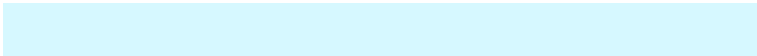
E1C88E

Sweetspot

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



6ED9EF



D6F8FF



6EEF83



677B80



000000



808080

Same Dimension

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



6ED9EF



59E3FF



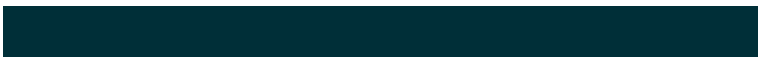
6E99EF



6C7678



0098B8



002F38

Inverse Universe

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



EF6ED9



FF59E3



EFC46E



786C76



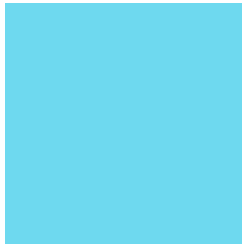
B80098



38002F

Previews

White Background



This preview shows how the Hex color 6ED9EF looks on a white background.

Color Contrast Check

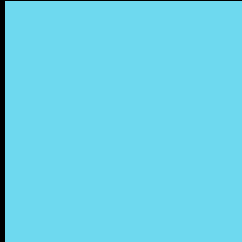
Large Text (above 18pt) WCAG AA × Fail

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 6ED9EF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

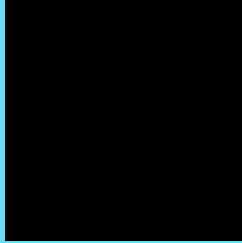
Any Text WCAG AA ✓ Pass

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 6ED9EF Background



This preview shows how black text looks on a background with the Hex color 6ED9EF.

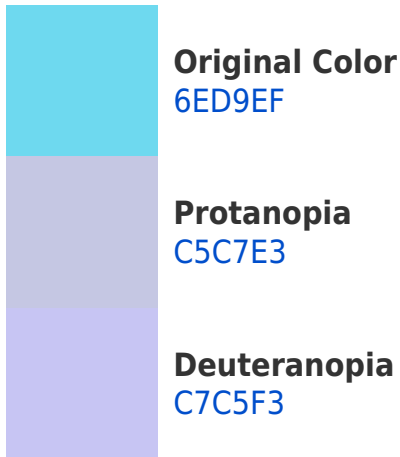


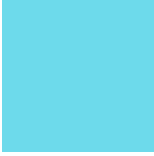
This preview shows how white text looks on a background with the Hex color 6ED9EF.

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](#).

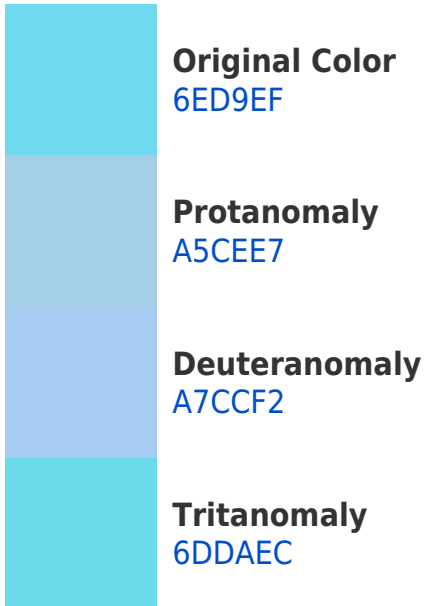
Dichromacy



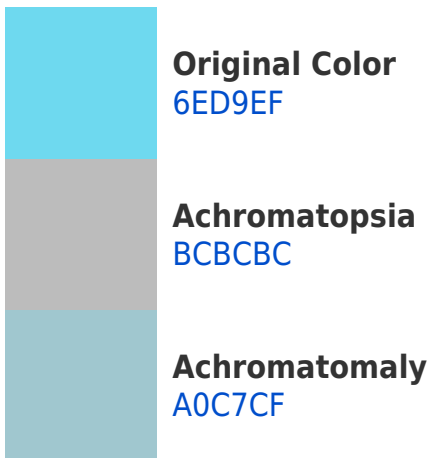


Tritanopia
6DDAEB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6ED9EF 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 #6ED9EF looks like.

```
.text, #text, p{  
    color:#6ED9EF  
}
```

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 #6ED9EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6ED9EF  
}
```

Border

The CSS property to change the border of an element to Hex 6ED9EF 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  
#6ED9EF }
```

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

```
.border{ border-color:#6ED9EF }
```

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

Here you see how a box with a 4 pixel #6ED9EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6ED9EF; -webkit-box-shadow:4px 4px  
4px 4px #6ED9EF; box-shadow:4px 4px 4px  
4px #6ED9EF }
```

Background

The CSS property to change the background color of an element to Hex 6ED9EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6ED9EF }
```

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

```
.background{ background-color:#6ED9EF }
```

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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