

# Converting Colors

Hex(6ED7F4)

Have a look what the booklet for  
Hex(6ED7F4) contains.

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# **Color**

**Hex(6ED7F4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6ED7F4
RGB	110, 215, 244
RGB Percent	43%, 84%, 96%
CMY	0.5686, 0.1569, 0.0431
CMYK	0.55, 0.12, 0.00, 0.04
HSL	193°, 86%, 69%
HSV	193°, 55%, 96%
XYZ	47.0600, 58.4475, 94.3891
YIQ	186.9110, -71.8890, -13.2410

# Conversions

## Conversions Part 2

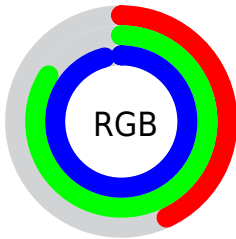
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	110, 169, 244
Decimal	7264244
CIE Lab	80.99, -22.49, -23.48
CIE LCh	81, 32.515, 226.233
Yxy	58.4475, 0.2354, 0.2924
Android (android.graphics.Color)	4285454324 (0xFF6ED7F4)
YUV	186.9110, 28.1449, -67.4509
Hunter-Lab	76.4510, -23.9122, -19.6859

# Details

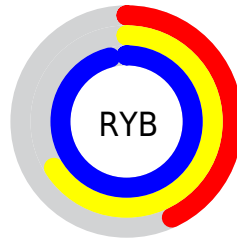
The Hex color **6ED7F4** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F48B6E**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **AAFFFF**, and **28A0BC** is the 20% darker color. If you saturate the color by 10%, you get **56D2F4**, and if you desaturate by 10%, it is **86DCF4**.

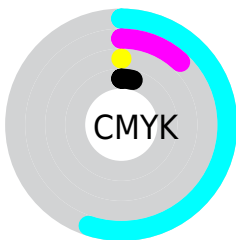
# Distribution



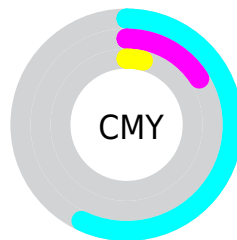
- Red (43%)
- Green (84%)
- Blue (96%)



- Red (43%)
- Yellow (66%)
- Blue (96%)



- Cyan (55%)
- Magenta (12%)
- Yellow (0%)
- Black (4%)



- Cyan (57%)
- Magenta (16%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6ED7F4 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 6ED7F4 by changing the saturation by 10% instead.



 6ED7F4

 6ED7F4

FFFFFF

 4EBBD8

 AAFFFF

 28A0BC

 C8FFFF

 0086A1

 E6FFFF

 006C86

 00546D

 003C55

 00263D

 000928

 000112

 6ED7F4

 6ED7F4

 56D2F4

 86DCF4

 3DCCF4

 9FE2F4

 25C7F4

 B7E7F4

 0CC2F4

 D0ECF4

 00BFF4

 E8F1F4

 FFF7F4

 FFFCF4

 FFFFF4

# Harmonies

## Analogous

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



6EDAD9



6ED7F4



8ED0FF

# Triad

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



6ED7F4



FDB4D8



CECC8E

# Complementary

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



6ED7F4



F48B6E

# 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.



EBC28E



6ED7F4



FFB3B9

# Square

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



6ED7F4



E2BCF3



FFB99E



ABD49E

# Rectangle

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



6ED7F4



ABCAFF



FFB99E



D8C98C

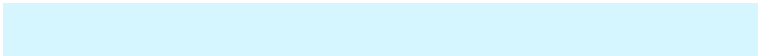


# Sweetspot

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



6ED7F4



D6F6FF



6EF489



677A80



000000



808080



# Same Dimension

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



6ED7F4



57DBFF



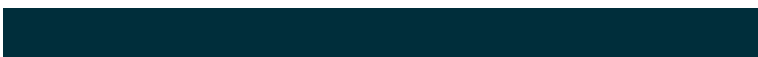
6E96F4



6E787A



0092BA



002E3B



# Inverse Universe

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



F46ED7



FF57DB



F4CC6E



7A6E78



BA0092

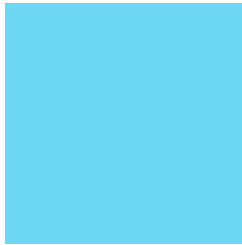


3B002E



# Previews

## White Background



This preview shows how the Hex color 6ED7F4 looks on a white background.

## Color Contrast Check

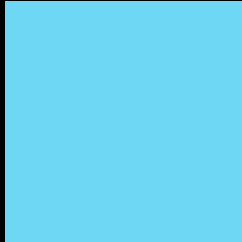
Large Text (above 18pt) WCAG AA × Fail

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 6ED7F4 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 6ED7F4 Background



This preview shows how black text looks on a background with the Hex color 6ED7F4.

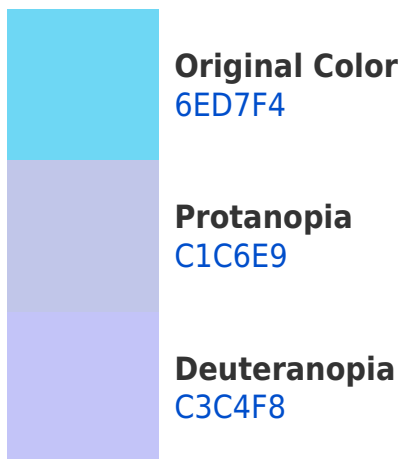


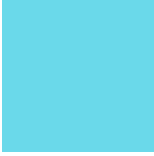
This preview shows how white text looks on a background with the Hex color 6ED7F4.

# 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](#).

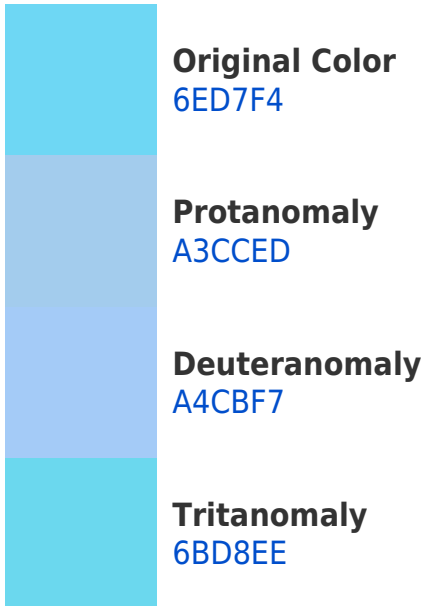
## Dichromacy



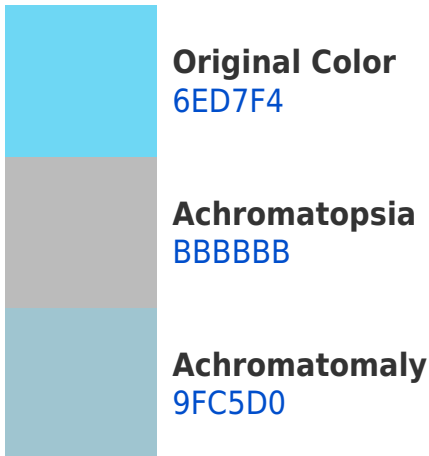


**Tritanopia**  
6AD9EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6ED7F4 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 #6ED7F4 looks like.

```
.text, #text, p{  
    color:#6ED7F4  
}
```

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 #6ED7F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6ED7F4
}
```

## Border

The CSS property to change the border of an element to Hex 6ED7F4 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
#6ED7F4 }
```

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

```
.border{ border-color:#6ED7F4 }
```

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

Here you see how a box with a 4 pixel #6ED7F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6ED7F4; -webkit-box-shadow:4px 4px  
4px 4px #6ED7F4; box-shadow:4px 4px 4px  
4px #6ED7F4 }
```

# Background

The CSS property to change the background color of an element to Hex 6ED7F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6ED7F4 }
```

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

```
.background{ background-color:#6ED7F4 }
```

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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