

Converting Colors

Hex(6ED7E4)

Have a look what the booklet for
Hex(6ED7E4) contains.

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Color

Hex(6ED7E4)

Conversions

Conversions Part 1

Format	Color
Hex	6ED7E4
RGB	110, 215, 228
RGB Percent	43%, 84%, 89%
CMY	0.5686, 0.1569, 0.1059
CMYK	0.52, 0.06, 0.00, 0.11
HSL	187°, 69%, 66%
HSV	187°, 52%, 89%
XYZ	44.7344, 57.5173, 82.1430
YIQ	185.0870, -66.7530, -18.2170

Conversions

Conversions Part 2

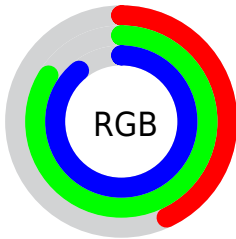
Format	Color
R _{YB}	110, 166, 228
Decimal	7264228
CIE Lab	80.47, -26.89, -15.74
CIE LCh	80, 31.157, 210.346
Yxy	57.5173, 0.2426, 0.3119
Android (android.graphics.Color)	4285454308 (0xFF6ED7E4)
YUV	185.0870, 21.1561, -65.8513
Hunter-Lab	75.8402, -27.4318, -11.1293

Details

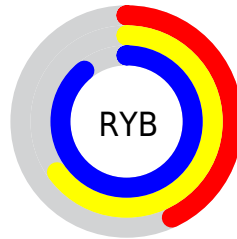
The Hex color **6ED7E4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E47B6E**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **A9FFFF**, and **2CA0AD** is the 20% darker color. If you saturate the color by 10%, you get **57D4E4**, and if you desaturate by 10%, it is **85DAE4**.

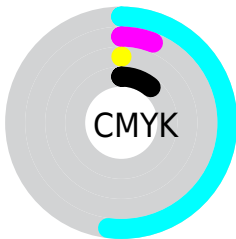
Distribution



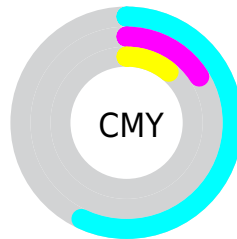
- Red (43%)
- Green (84%)
- Blue (89%)



- Red (43%)
- Yellow (65%)
- Blue (89%)



- Cyan (52%)
- Magenta (6%)
- Yellow (0%)
- Black (11%)



- Cyan (57%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6ED7E4 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 6ED7E4 by changing the saturation by 10% instead.

6ED7E4

6ED7E4

FFFFFF

4FBBC8

A9FFFF

2CA0AD

C7FFFF

008692

E5FFFF

006C78

005360

003C48

002631

00051D

000000

6ED7E4

6ED7E4

57D4E4

85DAE4

40D2E4

9CDCE4

2ACFE4

B2DFE4

13CDE4

C9E1E4

00CBE4

E0E4E4

F7E6E4

FFE9E4

FFEBE4

FFEEE4

Harmonies

Analogous

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



7DD8C7



6ED7E4



7DD2F9

Triad

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



6ED7E4



EDB7E5



DCC68D

Complementary

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



6ED7E4



E47B6E

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.



F4BC96



6ED7E4



FFB2C8

Square

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



6ED7E4



CCC0FA



FFB4AC



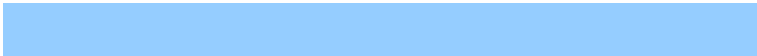
BDCF95

Rectangle

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



6ED7E4



95CFFF



FFB4AC



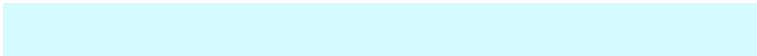
E5C38F

Sweetspot

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



6ED7E4



D6FBFF



6EE47A



677D80



000000



808080

Same Dimension

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



6ED7E4



61EEFF



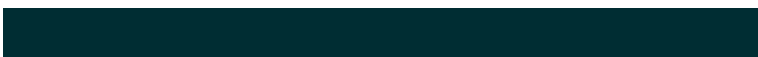
6E9DE4



677173



009FB3



002D33

Inverse Universe

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



E46ED7



FF61EE



E4B56E



736771



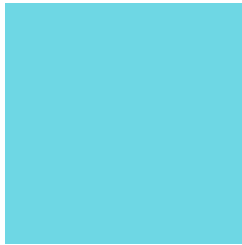
B3009F



33002D

Previews

White Background



This preview shows how the Hex color 6ED7E4 looks on a white background.

Color Contrast Check

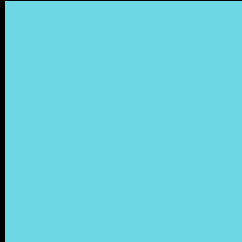
Large Text (above 18pt) WCAG AA × Fail

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 6ED7E4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

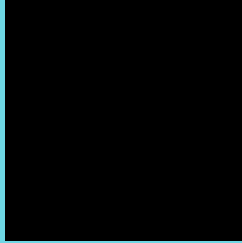
Any Text WCAG AA ✓ Pass

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 6ED7E4 Background



This preview shows how black text looks on a background with the Hex color 6ED7E4.

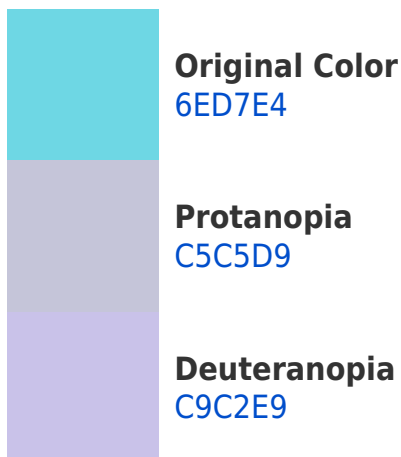


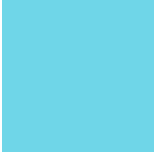
This preview shows how white text looks on a background with the Hex color 6ED7E4.

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
6FD6E8

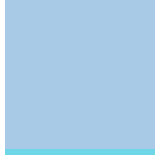
Trichromacy



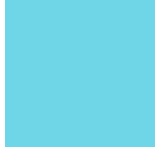
Original Color
6ED7E4



Protanomaly
A5CCDD



Deuteranomaly
A8CAE7

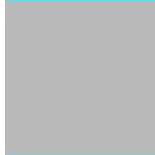


Tritanomaly
6FD6E7

Monochromacy



Original Color
6ED7E4



Achromatopsia
B9B9B9



Achromatomaly
9EC4C9

CSS Examples

Text

The CSS property to change the color of the text to Hex 6ED7E4 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 #6ED7E4 looks like.

```
.text, #text, p{  
    color:#6ED7E4  
}
```

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 #6ED7E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6ED7E4
}
```

Border

The CSS property to change the border of an element to Hex 6ED7E4 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
#6ED7E4 }
```

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

```
.border{ border-color:#6ED7E4 }
```

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

Here you see how a box with a 4 pixel #6ED7E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6ED7E4; -webkit-box-shadow:4px 4px  
4px 4px #6ED7E4; box-shadow:4px 4px 4px  
4px #6ED7E4 }
```

Background

The CSS property to change the background color of an element to Hex 6ED7E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6ED7E4 }
```

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

```
.background{ background-color:#6ED7E4 }
```

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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