

# Converting Colors

Hex(6ED1D0)

Have a look what the booklet for  
Hex(6ED1D0) contains.

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# **Color**

**Hex(6ED1D0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6ED1D0
RGB	110, 209, 208
RGB Percent	43%, 82%, 82%
CMY	0.5686, 0.1804, 0.1843
CMYK	0.47, 0.00, 0.00, 0.18
HSL	179°, 52%, 63%
HSV	179°, 47%, 82%
XYZ	40.6160, 53.4700, 67.8546
YIQ	179.2850, -58.6830, -21.2990

# Conversions

## Conversions Part 2

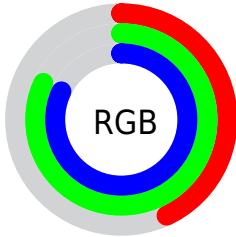
Format	Color
<a href="#">RYB</a>	<a href="#">110, 160, 209</a>
Decimal	<a href="#">7262672</a>
CIELab	<a href="#">78.15, -29.22, -8.50</a>
CIElCh	<a href="#">78, 30.430, 196.224</a>
Yxy	<a href="#">53.4700, 0.2508, 0.3302</a>
Android (android.graphics.Color)	<a href="#">4285452752 (0xFF6ED1D0)</a>
YUV	<a href="#">179.2850, 14.1565, -60.7629</a>
Hunter-Lab	<a href="#">73.1232, -28.8183, -3.8319</a>

# Details

The Hex color **6ED1D0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D16E6F**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **A8FFFF**, and **309A9A** is the 20% darker color. If you saturate the color by 10%, you get **59D1D0**, and if you desaturate by 10%, it is **83D1D0**.

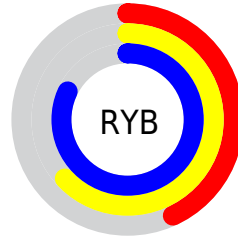
# Distribution



Red (43%)

Green (82%)

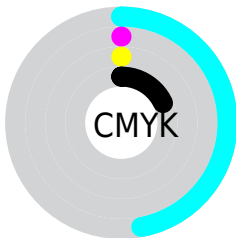
Blue (82%)



Red (43%)

Yellow (63%)

Blue (82%)

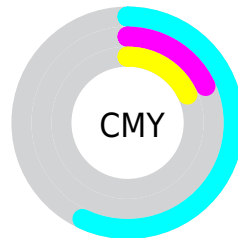


Cyan (47%)

Magenta (0%)

Yellow (0%)

Black (18%)



Cyan (57%)

Magenta (18%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6ED1D0 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 6ED1D0 by changing the saturation by 10% instead.



 6ED1D0

 6ED1D0

FFFFFF

 51B5B4

 A8FFFF

 309A9A

 C5FFFF

 008080

 E3FFFF

 006667

 004E4F

 003638

 002222

 00010D

 000000

6ED1D0

6ED1D0

59D1D0

83D1D0

44D1D0

98D1D0

2FD1CF

ADD1D1

1AD1CF

C2D1D1

06D1CF

D7D1D1

00D1CF

EBD1D1

FFD1D1

FFD1D2

# Harmonies

## Analogous

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



86D0B3



6ED1D0



6ECEE9

# Triad

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



6ED1D0



D8B5E9



E1BB8B

# Complementary

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



6ED1D0



D16E6F

# 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.



F4B29A



6ED1D0



F1AED0

# Square

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



6ED1D0



B4BFF7



FAADB3



C6C48B

# Rectangle

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



6ED1D0



7FCAF4



FAADB3



E9B88E



# Sweetspot

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



6ED1D0



DBFFFF



70D16E



6A807F



000000



808080



# Same Dimension

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



6ED1D0



6EFFFF



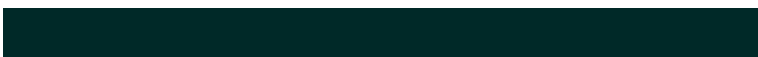
6EA1D1



5E6968



00A8A7



002928



# Inverse Universe

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



D16E6F



FF6E6F



D19E6E



695E5E



A80002

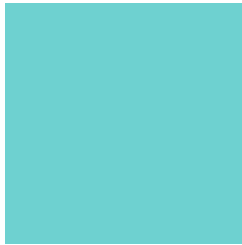


290000



# Previews

## White Background



This preview shows how the Hex color 6ED1D0 looks on a white background.

## Color Contrast Check

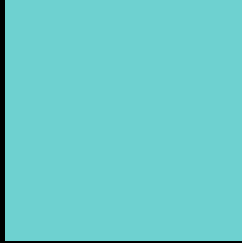
Large Text (above 18pt) WCAG AA × Fail

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 6ED1D0 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 6ED1D0 Background



This preview shows how black text looks on a background with the Hex color 6ED1D0.

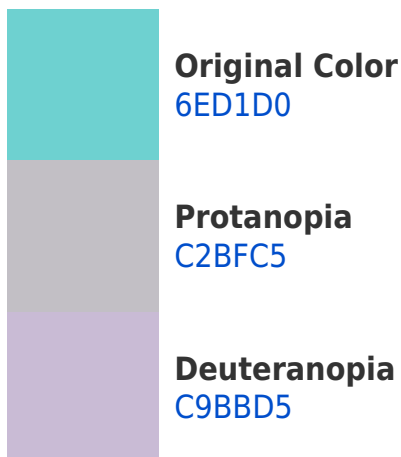


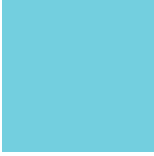
This preview shows how white text looks on a background with the Hex color 6ED1D0.

# 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](#).

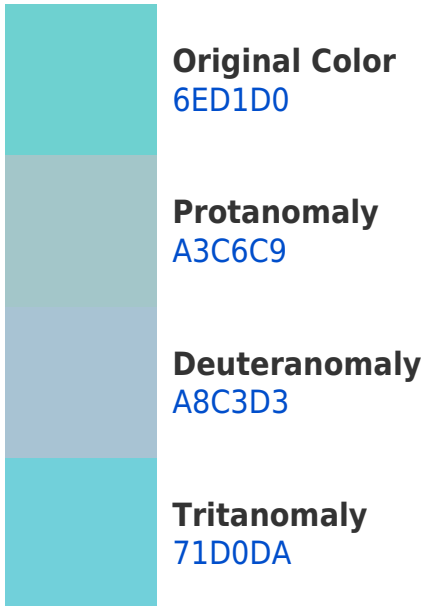
## Dichromacy





**Tritanopia**  
73CFDF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6ED1D0 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 #6ED1D0 looks like.

```
.text, #text, p{  
    color:#6ED1D0  
}
```

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 #6ED1D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6ED1D0
}
```

## Border

The CSS property to change the border of an element to Hex 6ED1D0 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
#6ED1D0 }
```

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

```
.border{ border-color:#6ED1D0 }
```

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

Here you see how a box with a 4 pixel #6ED1D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6ED1D0; -webkit-box-shadow:4px 4px  
4px 4px #6ED1D0; box-shadow:4px 4px 4px  
4px #6ED1D0 }
```

# Background

The CSS property to change the background color of an element to Hex 6ED1D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6ED1D0 }
```

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

```
.background{ background-color:#6ED1D0 }
```

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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