

# Converting Colors

Hex(6ED2CA)

Have a look what the booklet for  
Hex(6ED2CA) contains.

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# **Color**

**Hex(6ED2CA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6ED2CA
RGB	110, 210, 202
RGB Percent	43%, 82%, 79%
CMY	0.5686, 0.1765, 0.2078
CMYK	0.48, 0.00, 0.04, 0.18
HSL	175°, 53%, 63%
HSV	175°, 48%, 82%
XYZ	40.1377, 53.6725, 64.1215
YIQ	179.1880, -57.0320, -23.6880

# Conversions

## Conversions Part 2

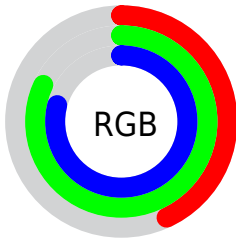
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">110, 162, 210</a>
Decimal	<a href="#">7262922</a>
<a href="#">CIELab</a>	<a href="#">78.27, -31.21, -5.10</a>
<a href="#">CIELCh</a>	<a href="#">78, 31.629, 189.288</a>
<a href="#">Yxy</a>	<a href="#">53.6725, 0.2541, 0.3398</a>
Android (android.graphics.Color)	<a href="#">4285453002</a> ( <a href="#">0xFF6ED2CA</a> )
<a href="#">YUV</a>	<a href="#">179.1880, 11.2463, -60.6779</a>
<a href="#">Hunter-Lab</a>	<a href="#">73.2615, -30.4130, -0.6100</a>

# Details

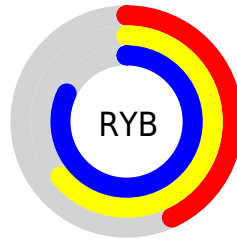
The Hex color **6ED2CA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D26E76**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **A8FFFF**, and **319B94** is the 20% darker color. If you saturate the color by 10%, you get **59D2C8**, and if you desaturate by 10%, it is **83D2CC**.

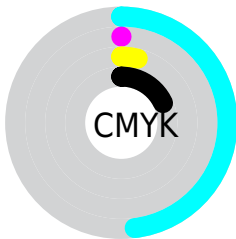
# Distribution



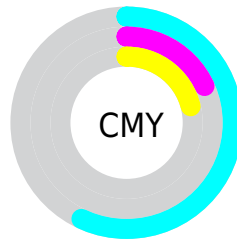
- Red (43%)
- Green (82%)
- Blue (79%)



- Red (43%)
- Yellow (64%)
- Blue (82%)



- Cyan (48%)
- Magenta (0%)
- Yellow (4%)
- Black (18%)



- Cyan (57%)
- Magenta (18%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6ED2CA 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 6ED2CA by changing the saturation by 10% instead.



 6ED2CA

 6ED2CA

FFFFFF

 51B6AF

 A8FFFF

 319B94

 C5FFFF

 00817A

 E2FFFF

 006762

 004F4A

 003733

 00231E

 000005

 000000

 6ED2CA

 6ED2CA

 59D2C8

 83D2CC

 44D2C7

 98D2CD

 2FD2C5

 ADD2CF

 1AD2C3

 C2D2D1

 05D2C2

 D7D2D2

 00D2C1

 ECD2D4

 FFD2D6

 FFD2D7

 FFD2D9

# Harmonies

## Analogous

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



8BD0AC



6ED2CA



66D0E6

# Triad

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



6ED2CA



D1B7EF



E8B98B

# Complementary

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



6ED2CA



D26E76

# 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.



F9B09E



6ED2CA



EFAFD7

# Square

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



6ED2CA



A9C1FB



FCACB9



CDC387

# Rectangle

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



6ED2CA



74CDF3



FCACB9



EFB690



# Sweetspot

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



6ED2CA



DBFFFC



76D26E



6A807E



000000



808080



# Same Dimension

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



6ED2CA



6EFFF3



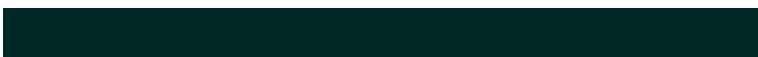
6EA8D2



5E6968



00A89B



002926



# Inverse Universe

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



D26E76



FF6E79



D2986E



695E5F



A8000D



290003



# Previews

## White Background



This preview shows how the Hex color 6ED2CA looks on a white background.

## Color Contrast Check

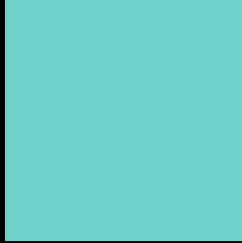
Large Text (above 18pt) WCAG AA × Fail

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 6ED2CA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

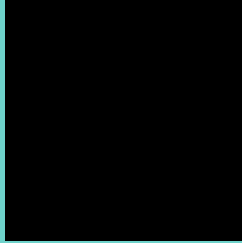
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6ED2CA Background



This preview shows how black text looks on a background with the Hex color 6ED2CA.

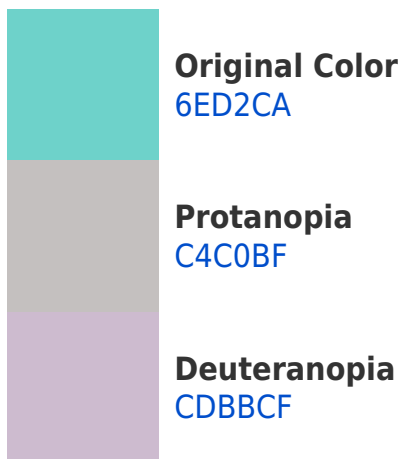


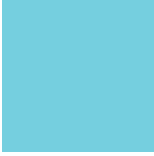
This preview shows how white text looks on a background with the Hex color 6ED2CA.

# 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**  
75CFDF

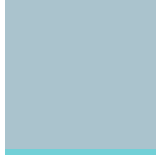
# Trichromacy



**Original Color**  
6ED2CA



**Protanomaly**  
A5C7C3



**Deuteranomaly**  
AAC3CD

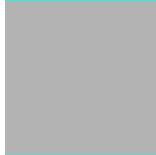


**Tritanomaly**  
72D0D7

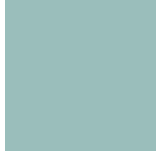
# Monochromacy



**Original Color**  
6ED2CA



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
9ABEBB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6ED2CA 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 #6ED2CA looks like.

```
.text, #text, p{  
    color:#6ED2CA  
}
```

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 #6ED2CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6ED2CA
}
```

## Border

The CSS property to change the border of an element to Hex 6ED2CA 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
#6ED2CA }
```

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

```
.border{ border-color:#6ED2CA }
```

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

Here you see how a box with a 4 pixel #6ED2CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6ED2CA; -webkit-box-shadow:4px 4px  
4px 4px #6ED2CA; box-shadow:4px 4px 4px  
4px #6ED2CA }
```

# Background

The CSS property to change the background color of an element to Hex 6ED2CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6ED2CA }
```

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

```
.background{ background-color:#6ED2CA }
```

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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