

# Converting Colors

Hex(6CD2CA)

Have a look what the booklet for  
Hex(6CD2CA) contains.

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# **Color**

**Hex(6CD2CA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CD2CA
RGB	108, 210, 202
RGB Percent	42%, 82%, 79%
CMY	0.5765, 0.1765, 0.2078
CMYK	0.49, 0.00, 0.04, 0.18
HSL	175°, 53%, 62%
HSV	175°, 49%, 82%
XYZ	39.8916, 53.5456, 64.1099
YIQ	178.5900, -58.2240, -24.1120

# Conversions

## Conversions Part 2

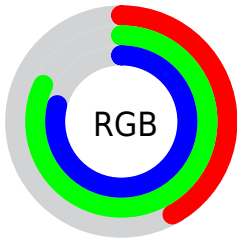
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 161, 210
Decimal	7131850
CIELab	78.20, -31.66, -5.22
CIELCh	78, 32.090, 189.367
Yxy	53.5456, 0.2532, 0.3399
Android (android.graphics.Color)	4285321930 (0xFF6CD2CA)
YUV	178.5900, 11.5411, -61.9074
Hunter-Lab	73.1749, -30.7459, -0.7227

# Details

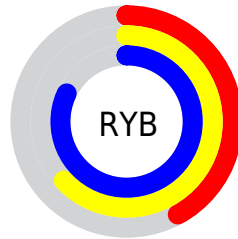
The Hex color **6CD2CA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D26C74**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **A6FFFF**, and **2E9B94** is the 20% darker color. If you saturate the color by 10%, you get **57D2C8**, and if you desaturate by 10%, it is **81D2CC**.

# Distribution



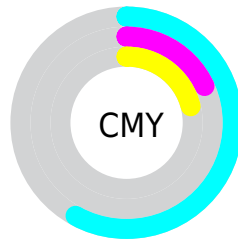
- Red (42%)
- Green (82%)
- Blue (79%)



- Red (42%)
- Yellow (63%)
- Blue (82%)



- Cyan (49%)
- Magenta (0%)
- Yellow (4%)
- Black (18%)



- Cyan (58%)
- Magenta (18%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CD2CA 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 6CD2CA by changing the saturation by 10% instead.



 6CD2CA

 6CD2CA

FFFFFF

 4EB6AF


 A6FFFF

 2E9B94

 C3FFFF

 00817A

 E0FFFF

 006762

FEFFFF

 004F4A

 003733

 00231E

 000005

 000000

 6CD2CA

 6CD2CA

 57D2C8

 81D2CC

 42D2C7

 96D2CD

 2DD2C5

 ABD2CF

 18D2C3

 C0D2D1

 03D2C2

 D5D2D2

 00D2C2

 EAD2D4

 FFD2D6

 FFD2D7

 FFD2D9

# Harmonies

## Analogous

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



8AD0AB



6CD2CA



64D0E6

# Triad

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



6CD2CA



D2B6F0



E8B88A

# Complementary

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



6CD2CA



D26C74

# 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.



FAB09D



6CD2CA



EFAED7

# Square

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



6CD2CA



A9C1FC



FDABB9



CDC386

# Rectangle

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



6CD2CA



72CDF4



FDABB9



F0B58F



# Sweetspot

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



6CD2CA



D9FFFC



75D26C



69807E



000000



808080



# Same Dimension

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



6CD2CA



6BFFF3



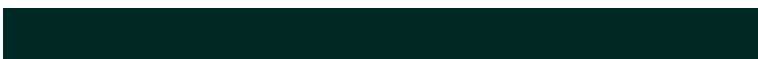
6CA8D2



5E6968



00A89B



002926



# Inverse Universe

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



D26C74



FF6B77



D2976C



695E5F



A8000D

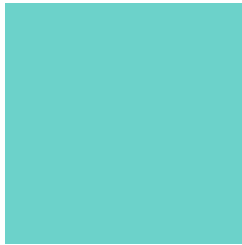


290003



# Previews

## White Background



This preview shows how the Hex color 6CD2CA 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 6CD2CA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

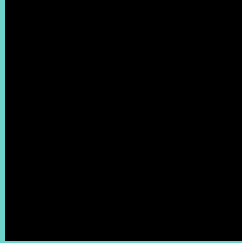
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

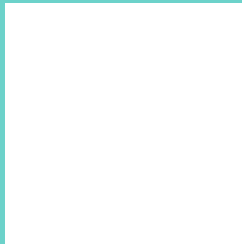
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6CD2CA Background



This preview shows how black text looks on a background with the Hex color 6CD2CA.

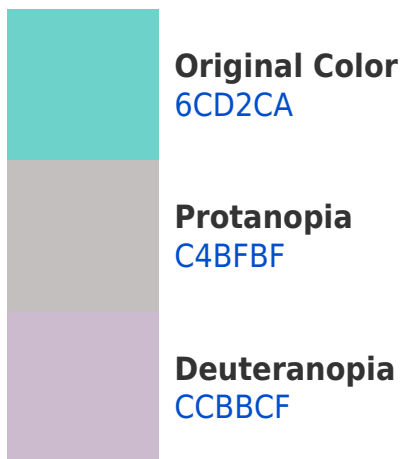


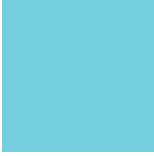
This preview shows how white text looks on a background with the Hex color 6CD2CA.

# 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

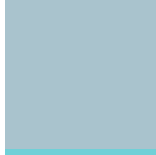
# Trichromacy



**Original Color**  
6CD2CA



**Protanomaly**  
A4C6C3



**Deuteranomaly**  
A9C3CD

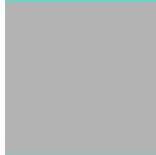


**Tritanomaly**  
70D0D7

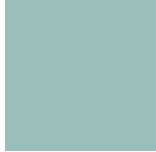
# Monochromacy



**Original Color**  
6CD2CA



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
99BEBB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CD2CA 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 #6CD2CA looks like.

```
.text, #text, p{  
    color:#6CD2CA  
}
```

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 #6CD2CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CD2CA
}
```

## Border

The CSS property to change the border of an element to Hex 6CD2CA 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
#6CD2CA }
```

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

```
.border{ border-color:#6CD2CA }
```

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

Here you see how a box with a 4 pixel #6CD2CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CD2CA; -webkit-box-shadow:4px 4px  
4px 4px #6CD2CA; box-shadow:4px 4px 4px  
4px #6CD2CA }
```

# Background

The CSS property to change the background color of an element to Hex 6CD2CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CD2CA }
```

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

```
.background{ background-color:#6CD2CA }
```

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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