

# Converting Colors

Hex(4DB0CA)

Have a look what the booklet for  
Hex(4DB0CA) contains.

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# Color

**Hex(4DB0CA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DB0CA
RGB	77, 176, 202
RGB Percent	30%, 69%, 79%
CMY	0.6980, 0.3098, 0.2078
CMYK	0.62, 0.13, 0.00, 0.21
HSL	192°, 54%, 55%
HSV	192°, 62%, 79%
XYZ	29.2466, 36.8927, 61.4567
YIQ	149.3630, -67.3500, -12.9020

# Conversions

## Conversions Part 2

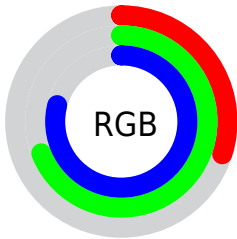
Format	Color
<a href="#">RYB</a>	<a href="#">77, 132, 202</a>
Decimal	<a href="#">5091530</a>
CIELab	<a href="#">67.20, -21.05, -21.84</a>
CIElCh	<a href="#">67, 30.333, 226.063</a>
Yxy	<a href="#">36.8927, 0.2292, 0.2891</a>
Android (android.graphics.Color)	<a href="#">4283281610 (0xFF4DB0CA)</a>
YUV	<a href="#">149.3630, 25.9500, -63.4624</a>
Hunter-Lab	<a href="#">60.7394, -20.3445, -17.4726</a>

# Details

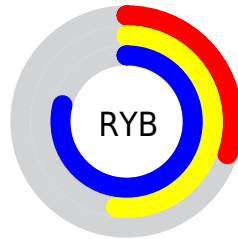
The Hex color **4DB0CA** is a light color, and the websafe version is hex **0099CC**. The color can be described as light muted azure. A complement of this color would be **CA674D**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **89E8FF**, and **007B94** is the 20% darker color. If you saturate the color by 10%, you get **39ACCA**, and if you desaturate by 10%, it is **61B4CA**.

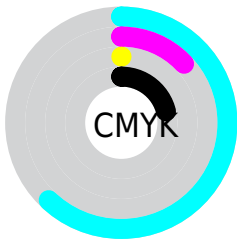
# Distribution



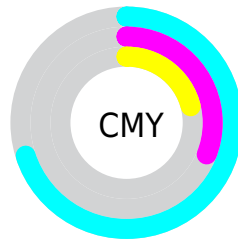
- Red (30%)
- Green (69%)
- Blue (79%)



- Red (30%)
- Yellow (52%)
- Blue (79%)



- Cyan (62%)
- Magenta (13%)
- Yellow (0%)
- Black (21%)



- Cyan (70%)
- Magenta (31%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4DB0CA 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 4DB0CA by changing the saturation by 10% instead.



 4DB0CA

 4DB0CA

FFFFFF

 2A95AF

 89E8FF

 007B94

 A7FFFF

 00627A

 C4FFFF

 004A61

 E2FFFF

 003349

 001F33

 00021E

 000000

 4DB0CA

 4DB0CA

■ 39ACCA

■ 61B4CA

■ 25A8CA

■ 75B8CA

■ 10A3CA

■ 8ABDCA

■ 00A0CA

■ 9EC1CA

■ B2C5CA

■ C6C9CA

■ DACDCA

■ EFD2CA

■ FFD6CA

# Harmonies

## Analogous

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



4EB3B2



4DB0CA



6CAAD8

# Triad

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



4DB0CA



D190B1



A8A76F

# Complementary

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



4DB0CA



CA674D

# 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.



C29D6F



4DB0CA



DA8F96

# Square

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



4DB0CA



B997CA



D4957D



89AE7D

# Rectangle

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



4DB0CA



88A4DA



D4957D



B1A46D

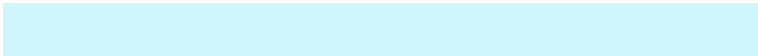


# Sweetspot

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



4DB0CA



CFF5FF



4DCA66



627980



000000



808080



# Same Dimension

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



4DB0CA



42D8FF



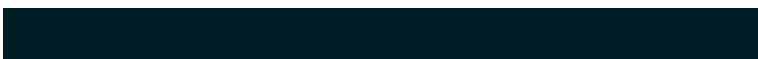
4D72CA



5C6466



0083A6



001E26



# Inverse Universe

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



CA4DB0



FF42D8



CAA54D



665C64



A60083



26001E



# Previews

## White Background



This preview shows how the Hex color 4DB0CA 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 4DB0CA 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 4DB0CA Background



This preview shows how black text looks on a background with the Hex color 4DB0CA.

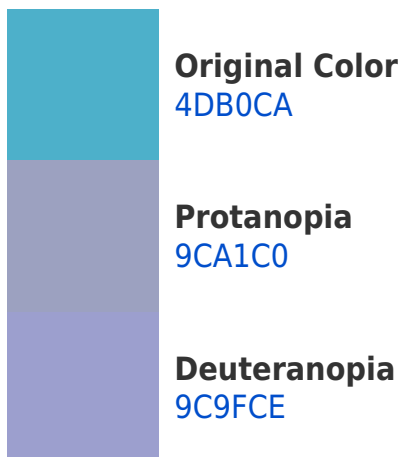


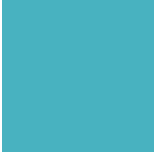
This preview shows how white text looks on a background with the Hex color 4DB0CA.

# 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](#).

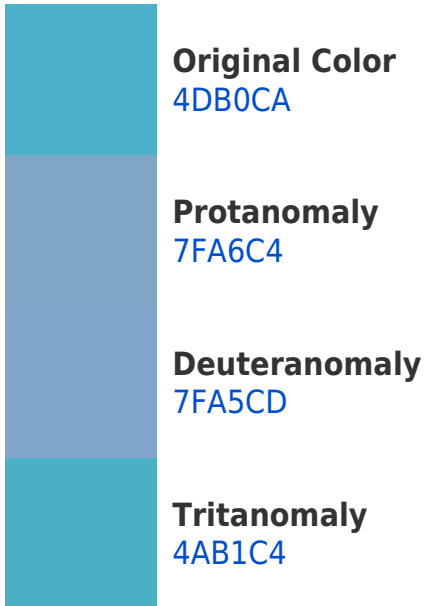
## Dichromacy



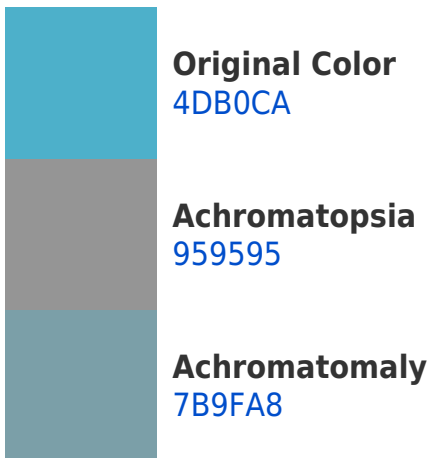


**Tritanopia**  
48B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4DB0CA 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 #4DB0CA looks like.

```
.text, #text, p{  
    color:#4DB0CA  
}
```

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 #4DB0CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DB0CA
}
```

## Border

The CSS property to change the border of an element to Hex 4DB0CA 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
#4DB0CA }
```

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

```
.border{ border-color:#4DB0CA }
```

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

Here you see how a box with a 4 pixel #4DB0CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DB0CA; -webkit-box-shadow:4px 4px  
4px 4px #4DB0CA; box-shadow:4px 4px 4px  
4px #4DB0CA }
```

# Background

The CSS property to change the background color of an element to Hex 4DB0CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DB0CA }
```

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

```
.background{ background-color:#4DB0CA }
```

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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