

Converting Colors

Hex(4CD9DD)

Have a look what the booklet for
Hex(4CD9DD) contains.

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Color

Hex(4CD9DD)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4CD9DD |
| RGB | 76, 217, 221 |
| RGB Percent | 30%, 85%, 87% |
| CMY | 0.7020, 0.1490, 0.1333 |
| CMYK | 0.66, 0.02, 0.00, 0.13 |
| HSL | 182°, 68%, 58% |
| HSV | 182°, 66%, 87% |
| XYZ | 40.8445, 56.3827, 77.1368 |
| YIQ | 175.2970, -85.3200, -28.6480 |

Conversions

Conversions Part 2

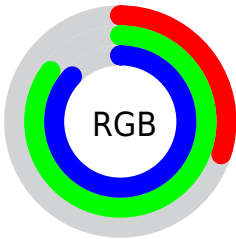
| Format | Color |
|-------------------------------------|---|
| RYB | 76, 147, 221 |
| Decimal | 5036509 |
| CIELab | 79.83, -35.75, -13.07 |
| CIELCh | 80, 38.065, 200.075 |
| Yxy | 56.3827, 0.2342, 0.3234 |
| Android (android.graphics.Color) | 4283226589 (0xFF4CD9DD) |
| YUV | 175.2970, 22.5316, -87.0835 |
| Hunter-Lab | 75.0884, -34.3092, -8.3456 |

Details

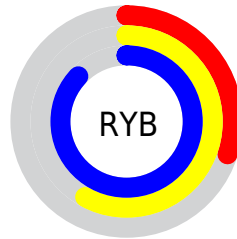
The Hex color **4CD9DD** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **DD504C**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **8EFFFF**, and **00A2A6** is the 20% darker color. If you saturate the color by 10%, you get **36D8DD**, and if you desaturate by 10%, it is **62DADD**.

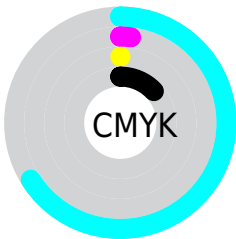
Distribution



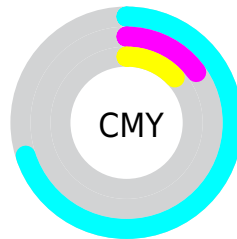
- Red (30%)
- Green (85%)
- Blue (87%)



- Red (30%)
- Yellow (58%)
- Blue (87%)



- Cyan (66%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)



- Cyan (70%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CD9DD 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 4CD9DD by changing the saturation by 10% instead.

 4CD9DD

 4CD9DD

FFFFFF

 1FBDC1

 8EFFFF

 00A2A6

 ADFFFF

 00878C

 CBFFFF

 006D72

 EAFFFF

 00545A

 003C42

 00272C

 000119

 000000

 4CD9DD

 4CD9DD

 36D8DD

 62DADD

 20D8DD

 78DADD

 0AD7DD

 8EDBDD

 00D7DD

 A4DBDD

 BBDCDD

 D1DDDD

 E7DDDD

 FDDEDD

 FFDEDD

Harmonies

Analogous

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



72D8B8



4CD9DD



50D5FB

Triad

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



4CD9DD



E7B4F4



E9C080

Complementary

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



4CD9DD



DD504C

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.



FFB491



4CD9DD



FFACD3

Square

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



4CD9DD



BAC1FF



FFACAF



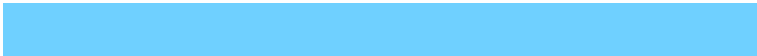
C6CB82

Rectangle

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



4CD9DD



6FD0FF



FFACAF



F2BC84

Sweetspot

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



4CD9DD



CCFEFF



4CDD4E



617F80



000000



808080

Same Dimension

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



4CD9DD



36F9FF



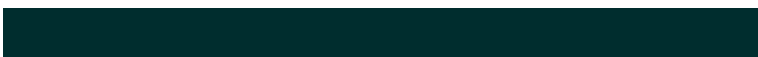
4C92DD



636D6E



00A9AD



002D2E

Inverse Universe

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



DD4CD9



FF36F9



DD974C



6E636D



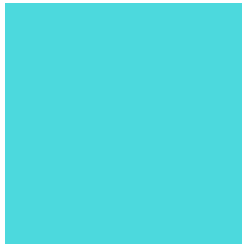
AD00A9



2E002D

Previews

White Background



This preview shows how the Hex color 4CD9DD looks on a white background.

Color Contrast Check

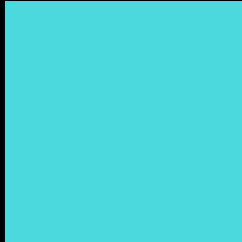
Large Text (above 18pt) WCAG AA × Fail

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 4CD9DD 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

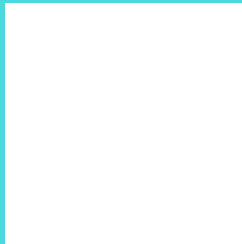
Any Text WCAG AAA ✓ Pass

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

Hex 4CD9DD Background



This preview shows how black text looks on a background with the Hex color 4CD9DD.

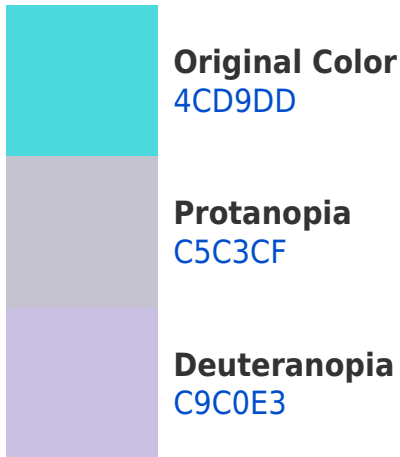


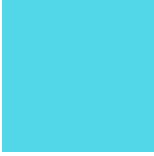
This preview shows how white text looks on a background with the Hex color 4CD9DD.

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](#).

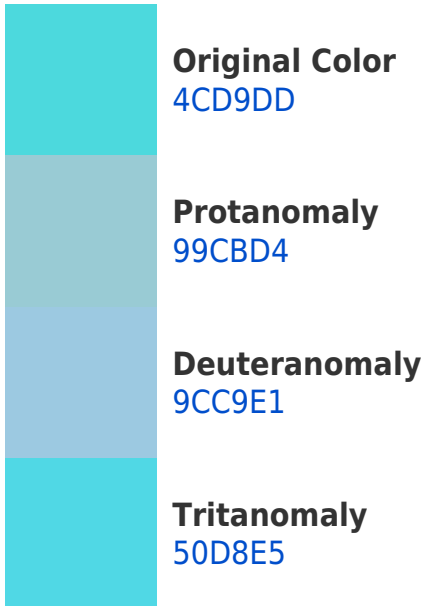
Dichromacy



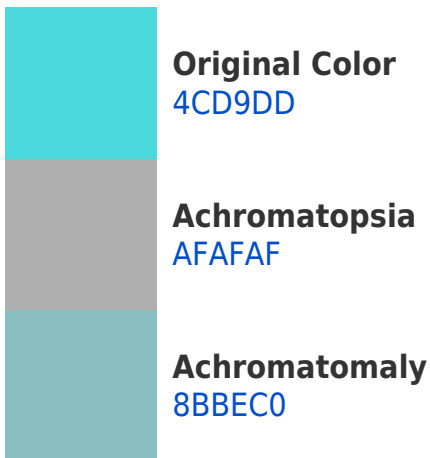


Tritanopia
52D7E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CD9DD 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 #4CD9DD looks like.

```
.text, #text, p{  
    color:#4CD9DD  
}
```

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 #4CD9DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CD9DD
}
```

Border

The CSS property to change the border of an element to Hex 4CD9DD 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
#4CD9DD }
```

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

```
.border{ border-color:#4CD9DD }
```

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

Here you see how a box with a 4 pixel #4CD9DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CD9DD; -webkit-box-shadow:4px 4px  
4px 4px #4CD9DD; box-shadow:4px 4px 4px  
4px #4CD9DD }
```

Background

The CSS property to change the background color of an element to Hex 4CD9DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CD9DD }
```

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

```
.background{ background-color:#4CD9DD }
```

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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