

Converting Colors

Hex(4CD1CF)

Have a look what the booklet for
Hex(4CD1CF) contains.

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Color

Hex(4CD1CF)

Conversions

Conversions Part 1

Format	Color
Hex	4CD1CF
RGB	76, 209, 207
RGB Percent	30%, 82%, 81%
CMY	0.7020, 0.1804, 0.1882
CMYK	0.64, 0.00, 0.01, 0.18
HSL	179°, 59%, 56%
HSV	179°, 64%, 82%
XYZ	37.0434, 51.6424, 67.0471
YIQ	169.0050, -78.6260, -28.8180

Conversions

Conversions Part 2

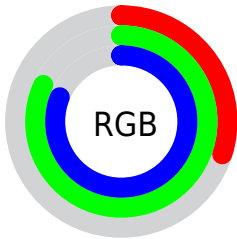
Format	Color
RYB	76, 143, 209
Decimal	5034447
CIELab	77.07, -35.92, -9.69
CIELCh	77, 37.208, 195.099
Yxy	51.6424, 0.2379, 0.3316
Android (android.graphics.Color)	4283224527 (0xFF4CD1CF)
YUV	169.0050, 18.7315, -81.5654
Hunter-Lab	71.8627, -33.7473, -5.0131

Details

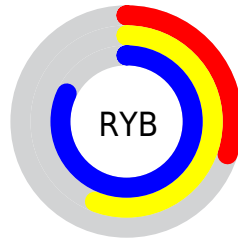
The Hex color **4CD1CF** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D14C4E**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **8CFFFF**, and **009A99** is the 20% darker color. If you saturate the color by 10%, you get **37D1CF**, and if you desaturate by 10%, it is **61D1CF**.

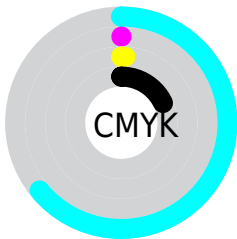
Distribution



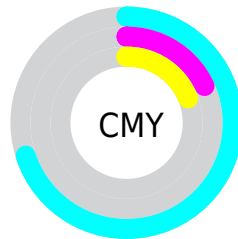
- Red (30%)
- Green (82%)
- Blue (81%)



- Red (30%)
- Yellow (56%)
- Blue (82%)



- Cyan (64%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)



- Cyan (70%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CD1CF 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 4CD1CF by changing the saturation by 10% instead.

 4CD1CF

 4CD1CF

FFFFFF

 23B5B4

 8CFFFF

 009A99

 AAFFFF

 00807F

 C9FFFF

 006666

 E7FFFF

 004D4E

 003537

 002122

 00000B

 000000

■ 4CD1CF

■ 4CD1CF

■ 37D1CF

■ 61D1CF

■ 22D1CE

■ 76D1D0

■ 0DD1CE

■ 8BD1D0

■ 00D1CE

■ A0D1D0

■ B5D1D1

■ C9D1D1

■ DED1D1

■ F3D1D2

■ FFD1D2

Harmonies

Analogous

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



74D0AB



4CD1CF



46CEEE

Triad

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



4CD1CF



D8AFEF



E5B67C

Complementary

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



4CD1CF



D14C4E

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.



FBAB8F



4CD1CF



F7A6D1

Square

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



4CD1CF



AABCFF



FFA4AE



C4C27B

Rectangle

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



4CD1CF



61CAFC



FFA4AE



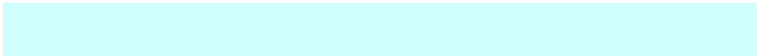
EEB281

Sweetspot

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



4CD1CF



CFFFFE



4ED14C



62807F



000000



808080

Same Dimension

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



4CD1CF



3DFFFC



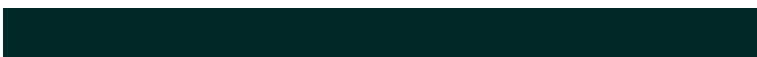
4C91D1



5E6968



00A8A6



002928

Inverse Universe

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



D14C4E



FF3D40



D18C4C



695E5E



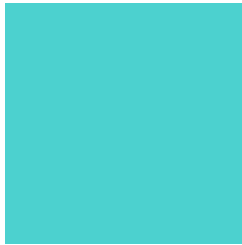
A80003



290001

Previews

White Background



This preview shows how the Hex color 4CD1CF 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 4CD1CF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

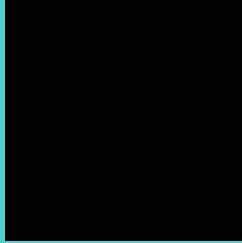
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

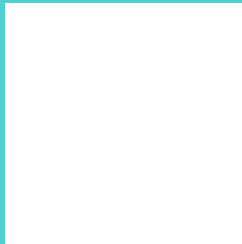
Any Text WCAG AAA ✓ Pass

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

Hex 4CD1CF Background



This preview shows how black text looks on a background with the Hex color 4CD1CF.

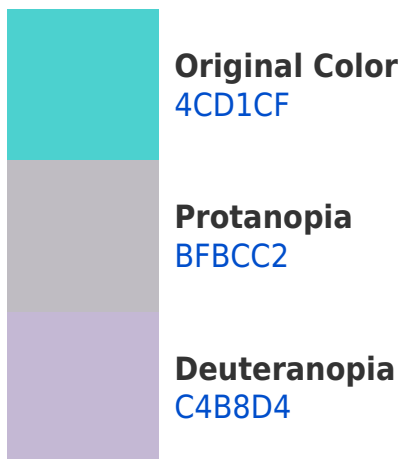


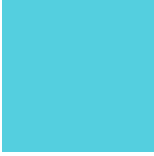
This preview shows how white text looks on a background with the Hex color 4CD1CF.

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](#).

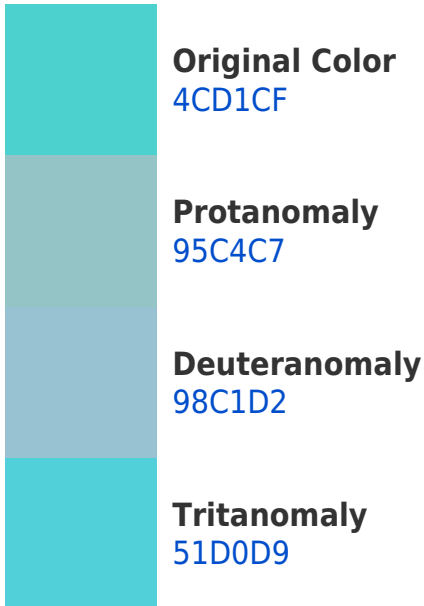
Dichromacy



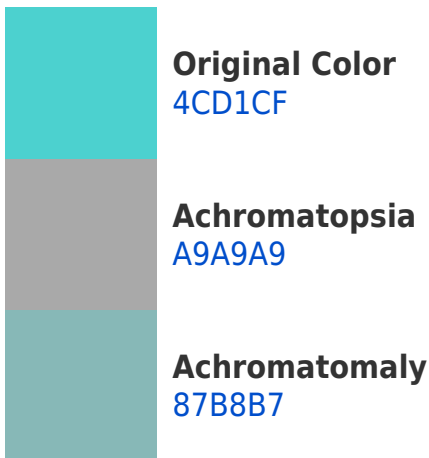


Tritanopia
54CFDF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CD1CF 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 #4CD1CF looks like.

```
.text, #text, p{  
  color:#4CD1CF  
}
```

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 #4CD1CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CD1CF
}
```

Border

The CSS property to change the border of an element to Hex 4CD1CF 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
#4CD1CF }
```

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

```
.border{ border-color:#4CD1CF }
```

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

Here you see how a box with a 4 pixel #4CD1CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CD1CF; -webkit-box-shadow:4px 4px  
4px 4px #4CD1CF; box-shadow:4px 4px 4px  
4px #4CD1CF }
```

Background

The CSS property to change the background color of an element to Hex 4CD1CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CD1CF }
```

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

```
.background{ background-color:#4CD1CF }
```

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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