

# Converting Colors

Hex(4CDECB)

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

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# Color

**Hex(4CDECB)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 4CDECB                       |
| RGB         | 76, 222, 203                 |
| RGB Percent | 30%, 87%, 80%                |
| CMY         | 0.7020, 0.1294, 0.2039       |
| CMYK        | 0.66, 0.00, 0.09, 0.13       |
| HSL         | 172°, 69%, 58%               |
| HSV         | 172°, 66%, 87%               |
| XYZ         | 39.8813, 58.0908, 65.6106    |
| YIQ         | 176.1800, -80.9170, -36.8610 |

# Conversions

## Conversions Part 2

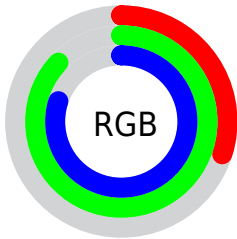
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">76, 154, 222</a>                                 |
| Decimal                             | <a href="#">5037771</a>                                      |
| CIELab                              | <a href="#">80.79, -42.87, -2.05</a>                         |
| CIELCh                              | <a href="#">81, 42.921, 182.737</a>                          |
| Yxy                                 | <a href="#">58.0908, 0.2438, 0.3551</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4283227851</a><br>( <a href="#">0xFF4CDECB</a> ) |
| YUV                                 | <a href="#">176.1800, 13.2223, -87.8579</a>                  |
| Hunter-Lab                          | <a href="#">76.2174, -39.9790, 2.3132</a>                    |

# Details

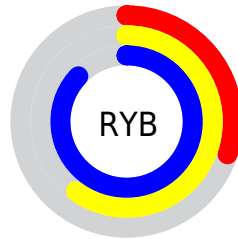
The Hex color **4CDECB** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **DE4C5F**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **8DFFFF**, and **00A695** is the 20% darker color. If you saturate the color by 10%, you get **36DEC8**, and if you desaturate by 10%, it is **62DECE**.

# Distribution



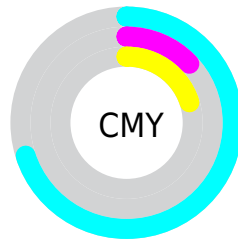
- Red (30%)
- Green (87%)
- Blue (80%)



- Red (30%)
- Yellow (60%)
- Blue (87%)



- Cyan (66%)
- Magenta (0%)
- Yellow (9%)
- Black (13%)



- Cyan (70%)
- Magenta (13%)
- Yellow (20%)

# Brightness & Saturation Gradients

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



 4CDECB

 4CDECB

FFFFFF

 20C2B0

 8DFFFF

 00A695

 ACFFFF

 008B7B

 CAFFFF

 007162

 E9FFFF

 00584B

 003F34

 002A1F

 000608

 000000

 4CDECB

 4CDECB

 36DEC8

 62DECE

 20DEC5

 78DED1

 09DEC2

 8FDED4

 00DEC1

 A5DED7

 BBDED9

 D1DEDC

 E7DEDF

 FEDEE2

 FFDEE5

# Harmonies

## Analogous

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



84DBA2



4CDECB



0FDDF3

# Triad

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



4CDECB



D2BDFF



FFB982

# Complementary

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



4CDECB



DE4C5F

# 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.



FFAD9F



4CDECB



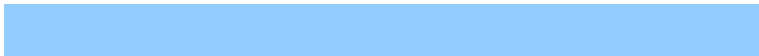
FEAFEE

# Square

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



4CDECB



94CBFF



FFA9C6



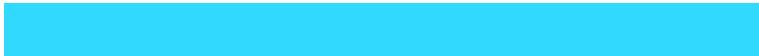
DFC777

# Rectangle

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



4CDECB



31D9FF



FFA9C6



FFB58A

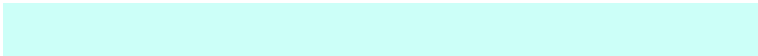


# Sweetspot

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



4CDECB



CCFFF8



5FDE4C



61807C



000000



808080



# Same Dimension

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



4CDECB



36FFE5



4CA8DE



65706F



00B099



00302A



# Inverse Universe

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



DE4C5F



FF3650



DE824C



706566



B00017

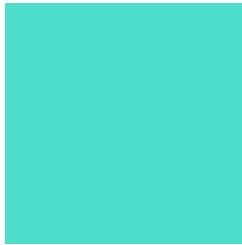


300006



# Previews

## White Background



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

## Color Contrast Check

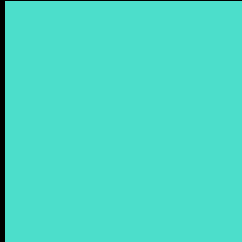
Large Text (above 18pt) WCAG AA × Fail

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 4CDECB 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

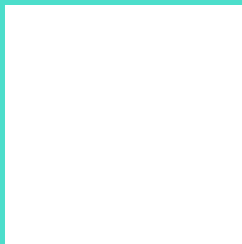
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4CDECB Background



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

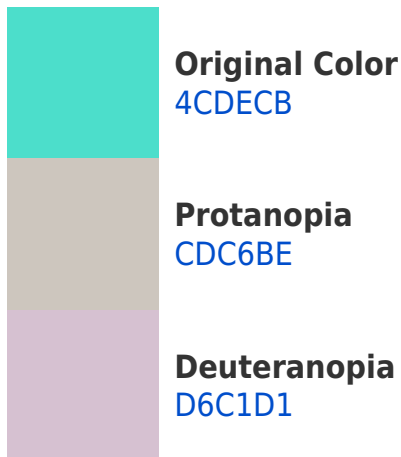


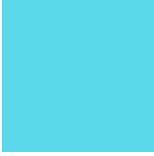
This preview shows how white text looks on a background with the Hex color 4CDECB.

# 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**  
5BD9EB

# Trichromacy



**Original Color**  
4CDECB



**Protanomaly**  
9ECFC3



**Deuteranomaly**  
A4CCCF



**Tritanomaly**  
56DBDF

# Monochromacy



**Original Color**  
4CDECB



**Achromatopsia**  
B0B0B0



**Achromatomaly**  
8CC1BA

# CSS Examples

## Text

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

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

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 #4CDECB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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