

# Converting Colors

Hex(4CDDE4)

Have a look what the booklet for  
Hex(4CDDE4) contains.

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# Color

**Hex(4CDDE4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CDDE4
RGB	76, 221, 228
RGB Percent	30%, 87%, 89%
CMY	0.7020, 0.1333, 0.1059
CMYK	0.67, 0.03, 0.00, 0.11
HSL	183°, 74%, 60%
HSV	183°, 67%, 89%
XYZ	42.8405, 58.8508, 82.5002
YIQ	178.4430, -88.6670, -28.5630

# Conversions

## Conversions Part 2

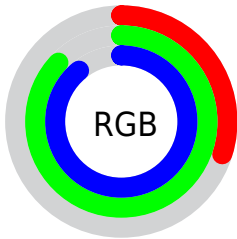
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 150, 228
Decimal	5037540
CIELab	81.21, -35.64, -14.73
CIELCh	81, 38.568, 202.451
Yxy	58.8508, 0.2326, 0.3195
Android (android.graphics.Color)	4283227620 (0xFF4CDDE4)
YUV	178.4430, 24.4316, -89.8425
Hunter-Lab	76.7143, -34.5680, -10.0617

# Details

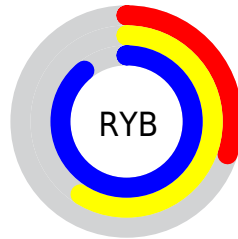
The Hex color **4CDDE4** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E4534C**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **8FFFFFF**, and **00A5AD** is the 20% darker color. If you saturate the color by 10%, you get **35DCE4**, and if you desaturate by 10%, it is **63DEE4**.

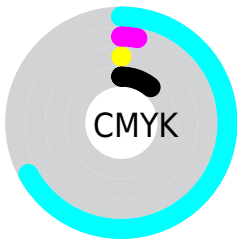
# Distribution



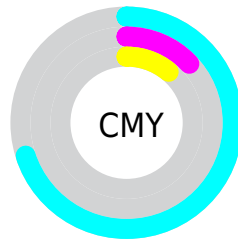
- Red (30%)
- Green (87%)
- Blue (89%)



- Red (30%)
- Yellow (59%)
- Blue (89%)



- Cyan (67%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)



- Cyan (70%)
- Magenta (13%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4CDDE4 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 4CDDE4 by changing the saturation by 10% instead.



 4CDDE4

 4CDDE4

FFFFFF

 1DC1C8

 8FFFFFF

 00A5AD

 AEFFFF

 008B92

 CDFFFF

 007178

 ECFFFF

 005860

 003F48

 002931

 000A1D

 000000

 4CDDE4

 4CDDE4

 35DCE4

 63DEE4

 1EDBE4

 7ADFE4

 08DAE4

 90E0E4

 00D9E4

 A7E1E4

 BEE2E4

 D5E3E4

 ECE4E4

 FFE5E4

 FFE6E4

# Harmonies

## Analogous

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



71DDBF



4CDDE4



55D9FF

# Triad

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



4CDDE4



EFB7F6



EBC482

# Complementary

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



4CDDE4



E4534C

# 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.



FFB892



4CDDE4



FFAFD4

# Square

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



4CDDE4



C1C4FF



FFB0B0



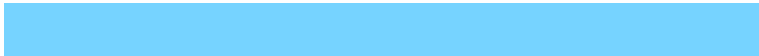
C6D086

# Rectangle

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



4CDDE4



76D3FF



FFB0B0



F5C085



# Sweetspot

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



4CDDE4



CCDFDF



4CE451



617E80



000000



808080



# Same Dimension

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



4CDDE4



33F6FF



4C93E4



677273



00AAB3



003133



# Inverse Universe

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



E44CDD



FF33F6



E49D4C



736772



B300AA

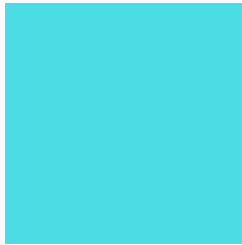


330031



# Previews

## White Background



This preview shows how the Hex color 4CDDE4 looks on a white background.

## Color Contrast Check

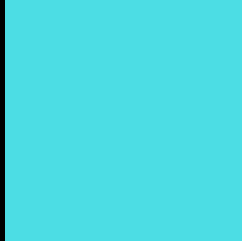
Large Text (above 18pt) WCAG AA × Fail

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 4CDDE4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

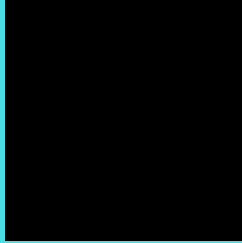
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4CDDE4 Background



This preview shows how black text looks on a background with the Hex color 4CDDE4.

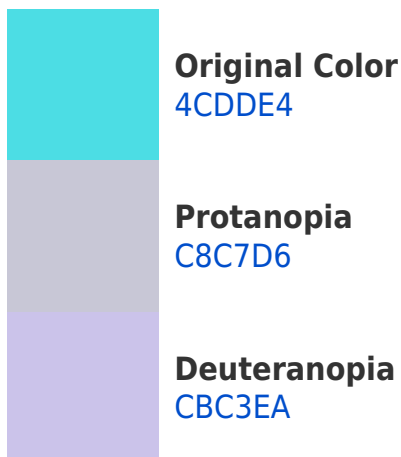


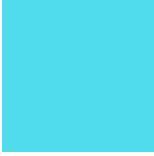
This preview shows how white text looks on a background with the Hex color 4CDDE4.

# 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**  
51DCED

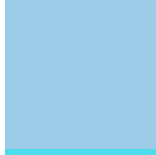
# Trichromacy



**Original Color**  
4CDDE4



**Protanomaly**  
9BCFDB



**Deuteranomaly**  
9DCCE8

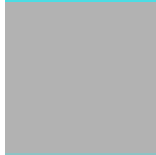


**Tritanomaly**  
4FDCEA

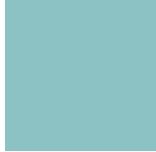
# Monochromacy



**Original Color**  
4CDDE4



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
8DC2C4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4CDDE4 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 #4CDDE4 looks like.

```
.text, #text, p{  
    color:#4CDDE4  
}
```

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 #4CDDE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CDDE4
}
```

## Border

The CSS property to change the border of an element to Hex 4CDDE4 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
#4CDDE4 }
```

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

```
.border{ border-color:#4CDDE4 }
```

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

Here you see how a box with a 4 pixel #4CDDE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CDDE4; -webkit-box-shadow:4px 4px  
4px 4px #4CDDE4; box-shadow:4px 4px 4px  
4px #4CDDE4 }
```

# Background

The CSS property to change the background color of an element to Hex 4CDDE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CDDE4 }
```

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

```
.background{ background-color:#4CDDE4 }
```

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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