

# Converting Colors

Hex(4CD5E7)

Have a look what the booklet for  
Hex(4CD5E7) contains.

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# **Color**

**Hex(4CD5E7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CD5E7
RGB	76, 213, 231
RGB Percent	30%, 84%, 91%
CMY	0.7020, 0.1647, 0.0941
CMYK	0.67, 0.08, 0.00, 0.09
HSL	187°, 76%, 60%
HSV	187°, 67%, 91%
XYZ	41.1985, 54.8945, 84.0256
YIQ	174.0890, -87.4300, -23.4460

# Conversions

## Conversions Part 2

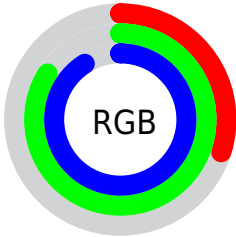
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 149, 231
Decimal	5035495
CIELab	78.98, -31.00, -19.69
CIELCh	79, 36.723, 212.422
Yxy	54.8945, 0.2287, 0.3048
Android (android.graphics.Color)	4283225575 (0xFF4CD5E7)
YUV	174.0890, 28.0571, -86.0241
Hunter-Lab	74.0908, -30.4032, -15.3766

# Details

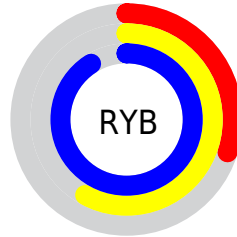
The Hex color **4CD5E7** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **E75E4C**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **8EFFFF**, and **009EAF** is the 20% darker color. If you saturate the color by 10%, you get **35D2E7**, and if you desaturate by 10%, it is **63D8E7**.

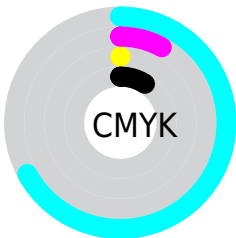
# Distribution



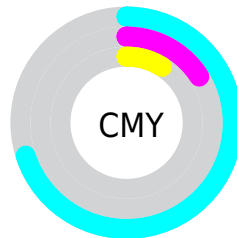
- Red (30%)
- Green (84%)
- Blue (91%)



- Red (30%)
- Yellow (58%)
- Blue (91%)



- Cyan (67%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (70%)
- Magenta (16%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4CD5E7 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 4CD5E7 by changing the saturation by 10% instead.



 4CD5E7

 4CD5E7

FFFFFF

 1EB9CB

 8EFFFF

 009EAF

 ADFFFF

 008395

 CCFFFF

 006A7B

 EBFFFF

 005162

 003A4A

 002533

 00021F

 000002

■ 4CD5E7

■ 4CD5E7

■ 35D2E7

■ 63D8E7

■ 1ED0E7

■ 7ADAE7

■ 07CDE7

■ 91DDE7

■ 00CCE7

■ A8E0E7

■ BFE2E7

■ D7E5E7

■ EEE8E7

■ FFEAE7

■ FFEDE7

# Harmonies

## Analogous

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



63D6C5



4CD5E7



66CFFF

# Triad

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



4CD5E7



F1AFE4



D8C27F

# Complementary

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



4CD5E7



E75E4C

# 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.



F5B788



4CD5E7



FFAAC2

# Square

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



4CD5E7



CCBAFD



FFADA1



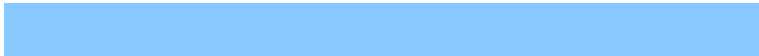
B4CC89

# Rectangle

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



4CD5E7



87C9FF



FFADA1



E3BE80



# Sweetspot

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



4CD5E7



CCF9FF



4CE75B



617C80



000000



808080

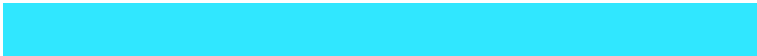


# Same Dimension

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



4CD5E7



30E7FF



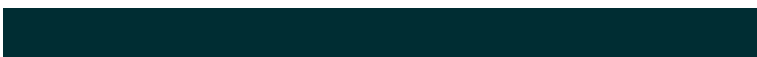
4C8AE7



677173



009EB3



002D33



# Inverse Universe

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



E74CD5



FF30E7



E7A94C



736771



B3009E

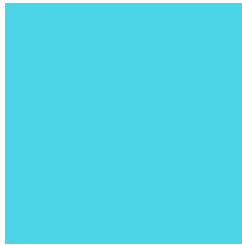


33002D



# Previews

## White Background



This preview shows how the Hex color 4CD5E7 looks on a white background.

## Color Contrast Check

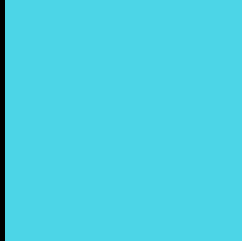
Large Text (above 18pt) WCAG AA × Fail

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 4CD5E7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

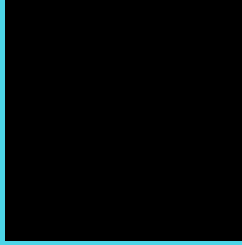
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4CD5E7 Background



This preview shows how black text looks on a background with the Hex color 4CD5E7.

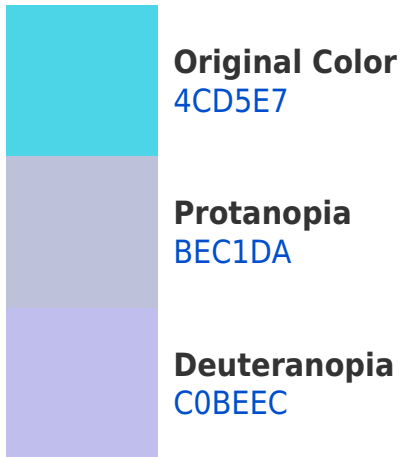


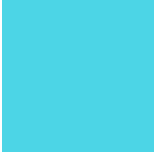
This preview shows how white text looks on a background with the Hex color 4CD5E7.

# 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](#).

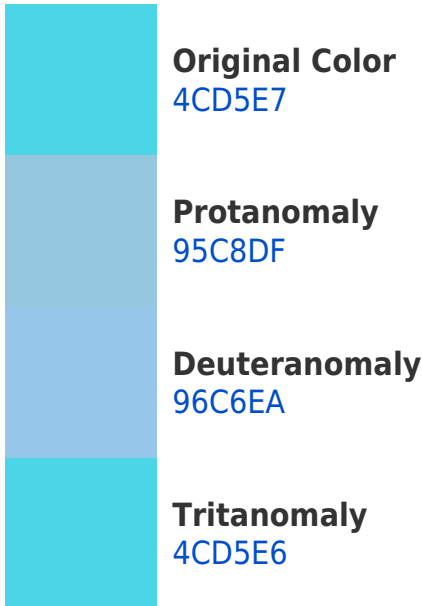
## Dichromacy



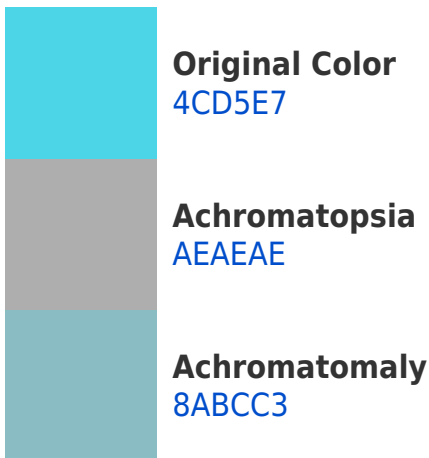


**Tritanopia**  
4CD5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4CD5E7 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 #4CD5E7 looks like.

```
.text, #text, p{  
    color:#4CD5E7  
}
```

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 #4CD5E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CD5E7
}
```

## Border

The CSS property to change the border of an element to Hex 4CD5E7 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
#4CD5E7 }
```

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

```
.border{ border-color:#4CD5E7 }
```

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

Here you see how a box with a 4 pixel #4CD5E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CD5E7; -webkit-box-shadow:4px 4px  
4px 4px #4CD5E7; box-shadow:4px 4px 4px  
4px #4CD5E7 }
```

# Background

The CSS property to change the background color of an element to Hex 4CD5E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CD5E7 }
```

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

```
.background{ background-color:#4CD5E7 }
```

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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