

# Converting Colors

Hex(4DD4EA)

Have a look what the booklet for  
Hex(4DD4EA) contains.

<b>Hex(4DD4EA)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(4DD4EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DD4EA
RGB	77, 212, 234
RGB Percent	30%, 83%, 92%
CMY	0.6980, 0.1686, 0.0824
CMYK	0.67, 0.09, 0.00, 0.08
HSL	188°, 79%, 61%
HSV	188°, 67%, 92%
XYZ	41.4553, 54.6053, 86.1968
YIQ	174.1430, -87.5220, -21.7780

# Conversions

## Conversions Part 2

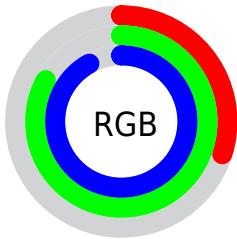
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 150, 234
Decimal	5100778
CIELab	78.81, -29.49, -21.54
CIELCh	79, 36.524, 216.146
Yxy	54.6053, 0.2275, 0.2996
Android (android.graphics.Color)	4283290858 (0xFF4DD4EA)
YUV	174.1430, 29.5095, -85.1944
Hunter-Lab	73.8954, -29.1783, -17.4333

# Details

The Hex color **4DD4EA** 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 **EA634D**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **8FFFFFF**, and **009DB2** is the 20% darker color. If you saturate the color by 10%, you get **36D1EA**, and if you desaturate by 10%, it is **64D7EA**.

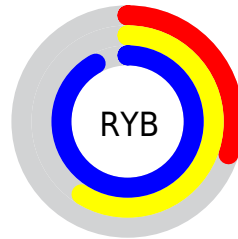
# Distribution



Red (30%)

Green (83%)

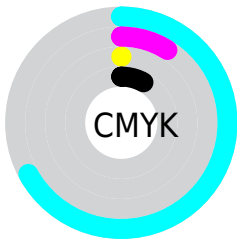
Blue (92%)



Red (30%)

Yellow (59%)

Blue (92%)

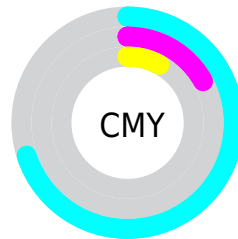


Cyan (67%)

Magenta (9%)

Yellow (0%)

Black (8%)



Cyan (70%)

Magenta (17%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4DD4EA 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 4DD4EA by changing the saturation by 10% instead.



 4DD4EA

 4DD4EA

FFFFFF

 20B8CE

 8FFFFFF

 009DB2

 AEFFFF

 008397

 CDFFFF

 00697E

 ECFFFF

 005165

 00394D

 002436

 000221

 000005

 4DD4EA

 4DD4EA

 36D1EA

 64D7EA

 1ECDEA

 7CDBEA

 07CAEA

 93DEEA

 00C9EA

 ABE1EA

 C2E4EA

 D9E8EA

 F1EBEA

 FFEEEA

 FFF2EA

# Harmonies

## Analogous

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



5FD6C9



4DD4EA



6CCEFF

# Triad

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



4DD4EA



F4ADDF



D4C37F

# Complementary

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



4DD4EA



EA634D

# 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.



F1B886



4DD4EA



FFA9BD

# Square

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



4DD4EA



D1B8FA



FFAE9D



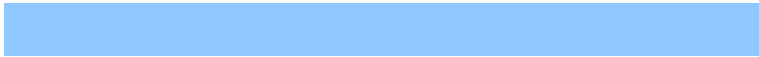
AFCD8B

# Rectangle

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



4DD4EA



8EC8FF



FFAE9D



DEBF7F

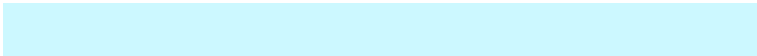


# Sweetspot

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



4DD4EA



CCF8FF



4DEA62



617B80



000000



808080



# Same Dimension

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



4DD4EA



30E2FF



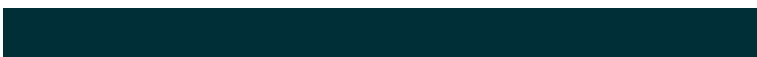
4D87EA



6A7475



009CB5



002E36



# Inverse Universe

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



EA4DD4



FF30E2



EAB04D



756A74



B5009C

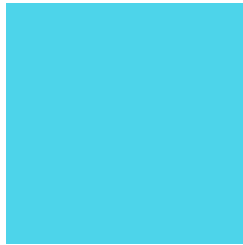


36002E



# Previews

## White Background



This preview shows how the Hex color 4DD4EA looks on a white background.

## Color Contrast Check

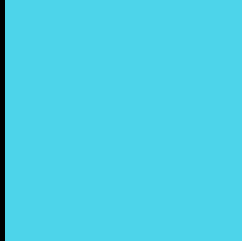
Large Text (above 18pt) WCAG AA × Fail

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 4DD4EA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

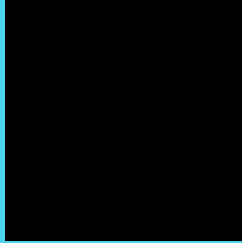
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4DD4EA Background



This preview shows how black text looks on a background with the Hex color 4DD4EA.

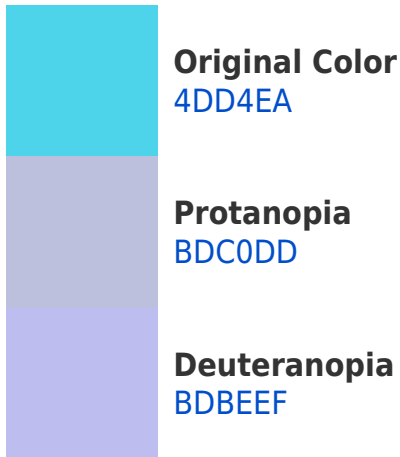


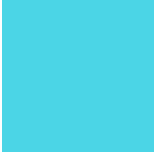
This preview shows how white text looks on a background with the Hex color 4DD4EA.

# 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**  
4BD5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4DD4EA 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 #4DD4EA looks like.

```
.text, #text, p{  
    color:#4DD4EA  
}
```

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 #4DD4EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DD4EA
}
```

## Border

The CSS property to change the border of an element to Hex 4DD4EA 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
#4DD4EA }
```

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

```
.border{ border-color:#4DD4EA }
```

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

Here you see how a box with a 4 pixel #4DD4EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DD4EA; -webkit-box-shadow:4px 4px  
4px 4px #4DD4EA; box-shadow:4px 4px 4px  
4px #4DD4EA }
```

# Background

The CSS property to change the background color of an element to Hex 4DD4EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DD4EA }
```

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

```
.background{ background-color:#4DD4EA }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor