

Converting Colors

Hex(4DD5C7)

Have a look what the booklet for
Hex(4DD5C7) contains.

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Color

Hex(4DD5C7)

Conversions

Conversions Part 1

Format	Color
Hex	4DD5C7
RGB	77, 213, 199
RGB Percent	30%, 84%, 78%
CMY	0.6980, 0.1647, 0.2196
CMYK	0.64, 0.00, 0.07, 0.16
HSL	174°, 62%, 57%
HSV	174°, 64%, 84%
XYZ	37.1636, 53.2898, 62.3601
YIQ	170.7400, -76.5620, -33.1860

Conversions

Conversions Part 2

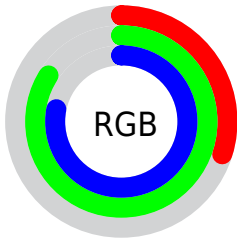
Format	Color
RYB	77, 149, 213
Decimal	5100999
CIELab	78.05, -39.75, -3.94
CIELCh	78, 39.945, 185.665
Yxy	53.2898, 0.2432, 0.3487
Android (android.graphics.Color)	4283291079 (0xFF4DD5C7)
YUV	170.7400, 13.9322, -82.2100
Hunter-Lab	72.9999, -36.8769, 0.4515




Details

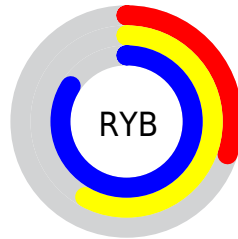
The Hex color **4DD5C7** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D54D5B**, and the grayscale version is **ABABAB**.




A 20% lighter version of the original color is **8DFFFF**, and **009E91** is the 20% darker color. If you saturate the color by 10%, you get **38D5C5**, and if you desaturate by 10%, it is **62D5C9**.

Distribution







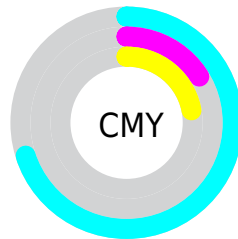
-  Red (30%)
-  Green (84%)
-  Blue (78%)






-  Red (30%)
-  Yellow (58%)
-  Blue (84%)



-  Cyan (64%)
-  Magenta (0%)
-  Yellow (7%)
-  Black (16%)



-  Cyan (70%)
-  Magenta (16%)
-  Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DD5C7 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 4DD5C7 by changing the saturation by 10% instead.

 4DD5C7

 4DD5C7

FFFFFF

 25B9AC

 8DFFFF

 009E91

 ABFFFF

 008378

 C9FFFF

 00695F

 E7FFFF

 005047

 003831

 00241C

 000001

 000000

 4DD5C7

 4DD5C7

 38D5C5

 62D5C9

 22D5C3

 78D5CB

 0DD5C0

 8DD5CE

 00D5BF

 A2D5D0

 B7D5D2

 CDD5D4

 E2D5D6

 F7D5D9

 FFD5DB

Harmonies

Analogous

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



7ED2A1



4DD5C7



2DD3EB

Triad

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



4DD5C7



CFB5FD



F3B47E

Complementary

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



4DD5C7



D54D5B

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.



FFA998



4DD5C7



F6A9E0

Square

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



4DD5C7



98C2FF



FFA4BB



D3C176

Rectangle

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



4DD5C7



45D0FD



FFA4BB



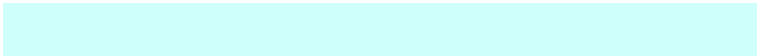
FBB085

Sweetspot

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



4DD5C7



CFFFA



5DD54D



62807C



000000



808080

Same Dimension

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



4DD5C7



3BFFEB



4DA1D5



606B6A



00AB99



002B27

Inverse Universe

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



D54D5B



FF3B4F



D5814D



6B6061



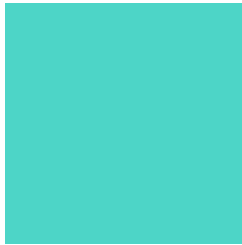
AB0012



2B0004

Previews

White Background



This preview shows how the Hex color 4DD5C7 looks on a white background.

Color Contrast Check

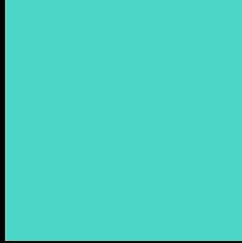
Large Text (above 18pt) WCAG AA × Fail

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 4DD5C7 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 4DD5C7 Background



This preview shows how black text looks on a background with the Hex color 4DD5C7.

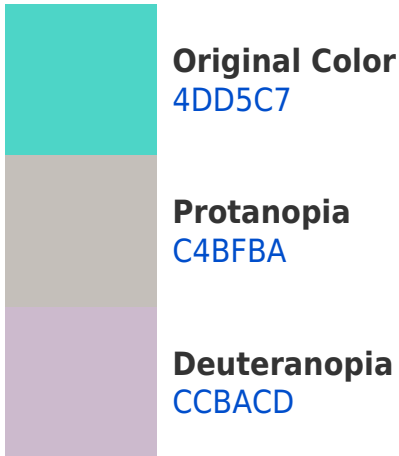


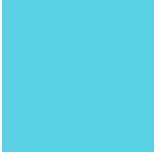
This preview shows how white text looks on a background with the Hex color 4DD5C7.

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
59D1E2

Trichromacy



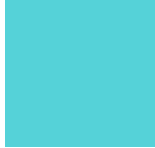
Original Color
4DD5C7



Protanomaly
99C7BF



Deuteranomaly
9EC4CB

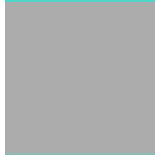


Tritanomaly
55D2D8

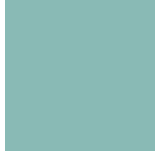
Monochromacy



Original Color
4DD5C7



Achromatopsia
ABABAB



Achromatomaly
89BAB5

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DD5C7 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 #4DD5C7 looks like.

```
.text, #text, p{  
    color:#4DD5C7  
}
```

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 #4DD5C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DD5C7
}
```

Border

The CSS property to change the border of an element to Hex 4DD5C7 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
#4DD5C7 }
```

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

```
.border{ border-color:#4DD5C7 }
```

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

Here you see how a box with a 4 pixel #4DD5C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DD5C7; -webkit-box-shadow:4px 4px  
4px 4px #4DD5C7; box-shadow:4px 4px 4px  
4px #4DD5C7 }
```

Background

The CSS property to change the background color of an element to Hex 4DD5C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DD5C7 }
```

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

```
.background{ background-color:#4DD5C7 }
```

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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