

Converting Colors

Hex(4DD6D6)

Have a look what the booklet for
Hex(4DD6D6) contains.

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Color

Hex(4DD6D6)

Conversions

Conversions Part 1

Format	Color
Hex	4DD6D6
RGB	77, 214, 214
RGB Percent	30%, 84%, 84%
CMY	0.6980, 0.1608, 0.1608
CMYK	0.64, 0.00, 0.00, 0.16
HSL	180°, 63%, 57%
HSV	180°, 64%, 84%
XYZ	39.2447, 54.5260, 72.0745
YIQ	173.0370, -81.6520, -29.0440

Conversions

Conversions Part 2

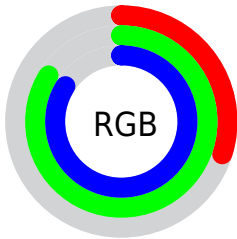
Format	Color
RYB	77, 146, 214
Decimal	5101270
CIELab	78.77, -36.16, -10.91
CIELCh	79, 37.769, 196.790
Yxy	54.5260, 0.2366, 0.3288
Android (android.graphics.Color)	4283291350 (0xFF4DD6D6)
YUV	173.0370, 20.1948, -84.2244
Hunter-Lab	73.8417, -34.3553, -6.1819

Details

The Hex color **4DD6D6** 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 **D64D4D**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **8EFFFF**, and **009F9F** is the 20% darker color. If you saturate the color by 10%, you get **38D6D6**, and if you desaturate by 10%, it is **62D6D6**.

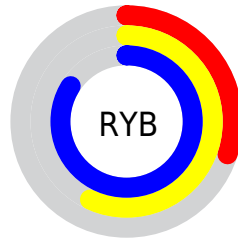
Distribution



Red (30%)

Green (84%)

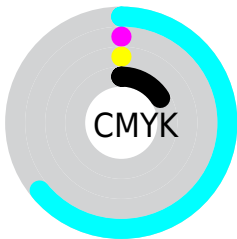
Blue (84%)



Red (30%)

Yellow (57%)

Blue (84%)

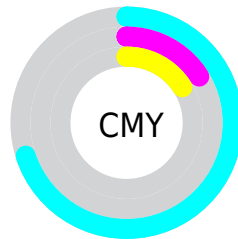


Cyan (64%)

Magenta (0%)

Yellow (0%)

Black (16%)



Cyan (70%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DD6D6 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 4DD6D6 by changing the saturation by 10% instead.

 4DD6D6

 4DD6D6

FFFFFF

 23BABA

 8EFFFF

 009F9F

 ACFFFF

 008485

 CBFFFF

 006A6C

 E9FFFF

 005154

 003A3D

 002527

 000113

 000000

■ 4DD6D6

■ 4DD6D6

■ 38D6D6

■ 62D6D6

■ 22D6D6

■ 78D6D6

■ 0DD6D6

■ 8DD6D6

■ 00D6D6

■ A3D6D6

■ B8D6D6

■ CDD6D6

■ E3D6D6

■ F8D6D6

■ FFD6D6

Harmonies

Analogous

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



74D5B2



4DD6D6



4BD3F5

Triad

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



4DD6D6



E0B3F3



E9BB7F

Complementary

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



4DD6D6



D64D4D

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.



FFB091



4DD6D6



FEAAD4

Square

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



4DD6D6



B1C0FF



FFA9B0



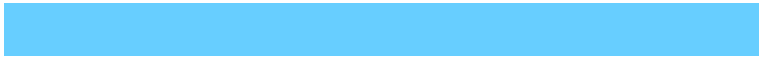
C7C77F

Rectangle

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



4DD6D6



67CEFF



FFA9B0



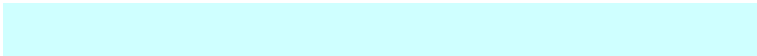
F2B783

Sweetspot

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



4DD6D6



CFFFFFF



4DD64D



628080



000000



808080

Same Dimension

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



4DD6D6



3BFFFF



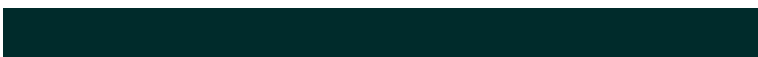
4D92D6



606B6B



00ABAB



002B2B

Inverse Universe

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



D64DD6



FF3BFF



D6924D



6B606B



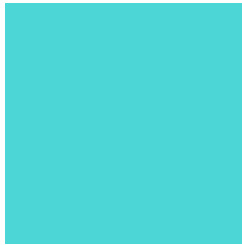
AB00AB



2B002B

Previews

White Background



This preview shows how the Hex color 4DD6D6 looks on a white background.

Color Contrast Check

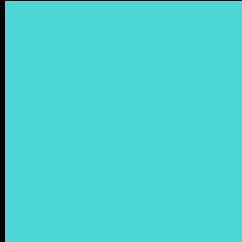
Large Text (above 18pt) WCAG AA × Fail

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 4DD6D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

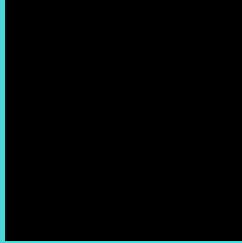
Any Text WCAG AA ✓ Pass

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 4DD6D6 Background



This preview shows how black text looks on a background with the Hex color 4DD6D6.

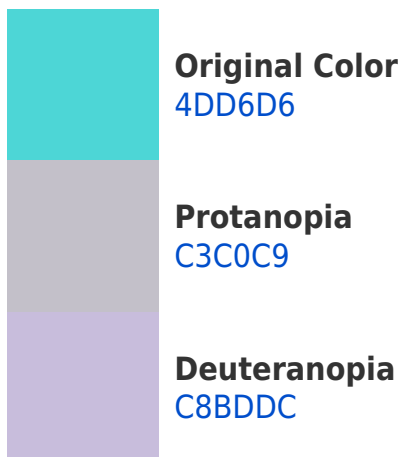


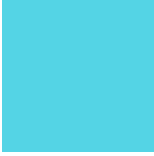
This preview shows how white text looks on a background with the Hex color 4DD6D6.

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](#).

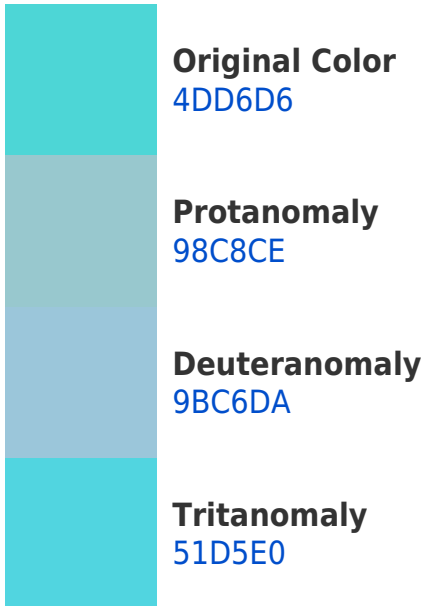
Dichromacy





Tritanopia
54D4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4DD6D6 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 #4DD6D6 looks like.

```
.text, #text, p{  
    color:#4DD6D6  
}
```

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 #4DD6D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DD6D6
}
```

Border

The CSS property to change the border of an element to Hex 4DD6D6 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
#4DD6D6 }
```

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

```
.border{ border-color:#4DD6D6 }
```

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

Here you see how a box with a 4 pixel #4DD6D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DD6D6; -webkit-box-shadow:4px 4px  
4px 4px #4DD6D6; box-shadow:4px 4px 4px  
4px #4DD6D6 }
```

Background

The CSS property to change the background color of an element to Hex 4DD6D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DD6D6 }
```

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

```
.background{ background-color:#4DD6D6 }
```

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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