

Converting Colors

Hex(4DDBD0)

Have a look what the booklet for
Hex(4DDBD0) contains.

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Color

Hex(4DDBD0)

Conversions

Conversions Part 1

Format	Color
Hex	4DDBD0
RGB	77, 219, 208
RGB Percent	30%, 86%, 82%
CMY	0.6980, 0.1412, 0.1843
CMYK	0.65, 0.00, 0.05, 0.14
HSL	175°, 66%, 58%
HSV	175°, 65%, 86%
XYZ	39.7773, 56.7949, 68.5405
YIQ	175.2880, -81.1010, -33.5250

Conversions

Conversions Part 2

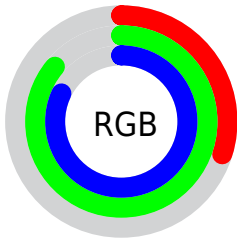
Format	Color
RYB	77, 151, 219
Decimal	5102544
CIELab	80.06, -40.07, -5.78
CIElCh	80, 40.486, 188.205
Yxy	56.7949, 0.2409, 0.3440
Android (android.graphics.Color)	4283292624 (0xFF4DDBD0)
YUV	175.2880, 16.1270, -86.1986
Hunter-Lab	75.3624, -37.6695, -1.1694

Details

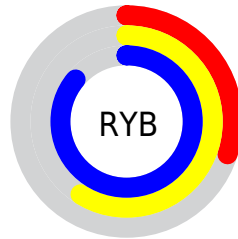
The Hex color **4DDBD0** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **DB4D58**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **8EFFFF**, and **00A39A** is the 20% darker color. If you saturate the color by 10%, you get **37DBCE**, and if you desaturate by 10%, it is **63DBD2**.

Distribution



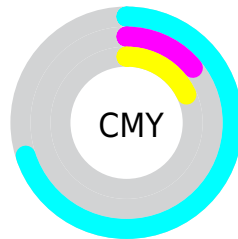
- Red (30%)
- Green (86%)
- Blue (82%)



- Red (30%)
- Yellow (59%)
- Blue (86%)



- Cyan (65%)
- Magenta (0%)
- Yellow (5%)
- Black (14%)



- Cyan (70%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DDBD0 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 4DDBD0 by changing the saturation by 10% instead.

 4DDBD0

 4DDBD0

FFFFFF

 22BFB4

 8EFFFF

 00A39A

 ACFFFF

 008980

 CBFFFF

 006F67

 EAFFFF

 00554F

 003D38

 002823

 00010E

 000000

 4DDBD0

 4DDBD0

 37DBCE

 63DBD2

 21DBCD

 79DBD3

 0BDBC B

 8FDBD5

 00DBCA

 A5DBD7

 BADBD8

 D0DBDA

 E6DBDC

 FCDBDE

 FFDBDF

Harmonies

Analogous

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



7ED9A9



4DDBD0



33D9F4

Triad

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



4DDBD0



D9B9FF



F7BB81

Complementary

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



4DDBD0



DB4D58

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.



FFAF9A



4DDBD0



FFADE3

Square

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



4DDBD0



A2C7FF



FFA9BD



D6C87B

Rectangle

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



4DDBD0



4ED5FF



FFA9BD



FFB687

Sweetspot

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



4DDBD0



CFFFFB



59DB4D



62807D



000000



808080

Same Dimension

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



4DDBD0



38FFF0



4DA0DB



636E6D



00ADA0



002E2A

Inverse Universe

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



DB4D58



FF3848



DB884D



6E6364



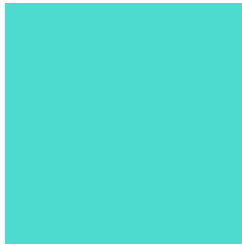
AD000D



2E0004

Previews

White Background



This preview shows how the Hex color 4DDBD0 looks on a white background.

Color Contrast Check

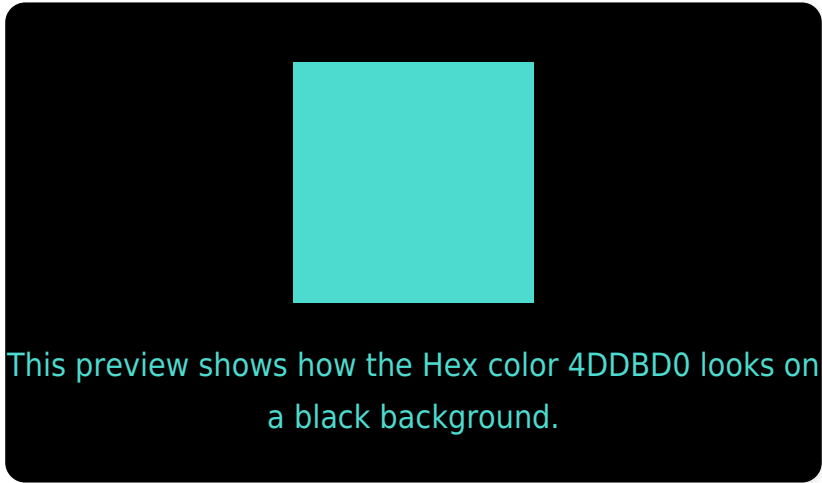
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

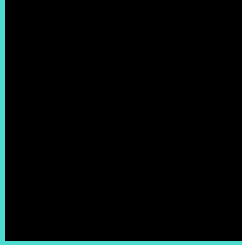
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

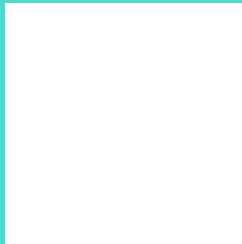
Any Text WCAG AAA ✓ Pass

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

Hex 4DDBD0 Background



This preview shows how black text looks on a background with the Hex color 4DDBD0.

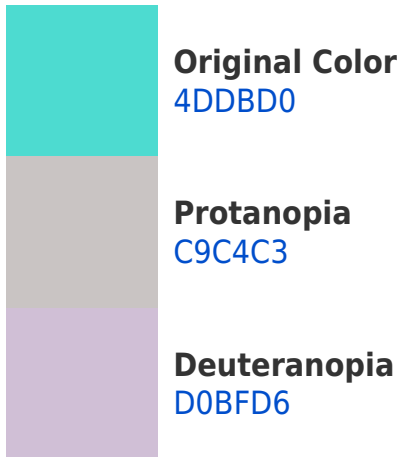


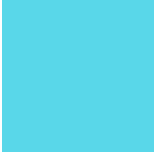
This preview shows how white text looks on a background with the Hex color 4DDBD0.

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
59D7E9

Trichromacy



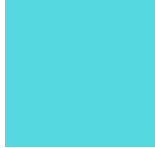
Original Color
4DDBD0



Protanomaly
9CCCC8



Deuteranomaly
A0C9D4

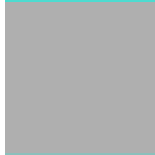


Tritanomaly
55D8E0

Monochromacy



Original Color
4DDBD0



Achromatopsia
AFAFAF



Achromatomaly
8BBFBB

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DDBD0 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 #4DDBD0 looks like.

```
.text, #text, p{  
    color:#4DDBD0  
}
```

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 #4DDBD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DDBD0
}
```

Border

The CSS property to change the border of an element to Hex 4DDBD0 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
#4DDBD0 }
```

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

```
.border{ border-color:#4DDBD0 }
```

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

Here you see how a box with a 4 pixel #4DDBD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DDBD0; -webkit-box-shadow:4px 4px  
4px 4px #4DDBD0; box-shadow:4px 4px 4px  
4px #4DDBD0 }
```

Background

The CSS property to change the background color of an element to Hex 4DDBD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DDBD0 }
```

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

```
.background{ background-color:#4DDBD0 }
```

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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