

Converting Colors

Hex(4DB6DB)

Have a look what the booklet for
Hex(4DB6DB) contains.

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Color

Hex(4DB6DB)

Conversions

Conversions Part 1

Format	Color
Hex	4DB6DB
RGB	77, 182, 219
RGB Percent	30%, 71%, 86%
CMY	0.6980, 0.2863, 0.1412
CMYK	0.65, 0.17, 0.00, 0.14
HSL	196°, 66%, 58%
HSV	196°, 65%, 86%
XYZ	32.5747, 40.1482, 73.0503
YIQ	154.8230, -74.4570, -10.7530

Conversions

Conversions Part 2

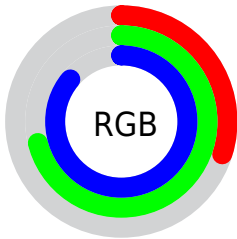
Format	Color
RYB	77, 137, 219
Decimal	5093083
CIELab	69.57, -18.95, -27.54
CIElCh	70, 33.433, 235.468
Yxy	40.1482, 0.2235, 0.2754
Android (android.graphics.Color)	4283283163 (0xFF4DB6DB)
YUV	154.8230, 31.6393, -68.2508
Hunter-Lab	63.3626, -19.1176, -24.0013

Details

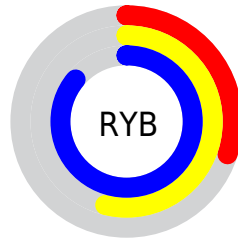
The Hex color **4DB6DB** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **DB724D**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **8CCEFF**, and **0081A4** is the 20% darker color. If you saturate the color by 10%, you get **37B0DB**, and if you desaturate by 10%, it is **63BCDB**.

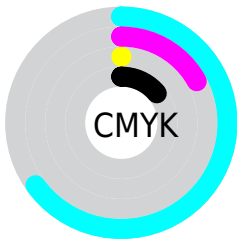
Distribution



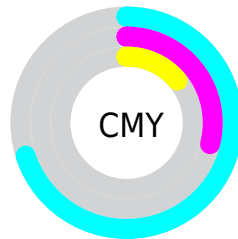
- Red (30%)
- Green (71%)
- Blue (86%)



- Red (30%)
- Yellow (54%)
- Blue (86%)



- Cyan (65%)
- Magenta (17%)
- Yellow (0%)
- Black (14%)



- Cyan (70%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DB6DB 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 4DB6DB by changing the saturation by 10% instead.

 4DB6DB

 4DB6DB

FFFFFF

 269BBF

 8CEEFF

 0081A4

 AAFFFF

 00688A

 C8FFFF

 005070

 E6FFFF

 003857

 002340

 00032A

 000114

 000000

 4DB6DB

 4DB6DB

 37B0DB

 63BCDB

 21ABDB

 79C1DB

 0BA5DB

 8FC7DB

 00A2DB

 A5CDDDB

 BAD3DB

 D0D8DB

 E6DEDB

 FCE4DB

 FFE9DB

Harmonies

Analogous

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



40BAC3



4DB6DB



79AEE6

Triad

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



4DB6DB



E193B0



A4B072

Complementary

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



4DB6DB



DB724D

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.



C3A66D



4DB6DB



E69491

Square

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



4DB6DB



CC99CD



DA9C79



81B787

Rectangle

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



4DB6DB



99A7E4



DA9C79



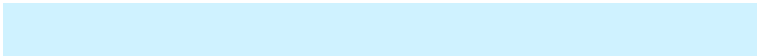
AFAD6F

Sweetspot

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



4DB6DB



CFF2FF



4DDB70



627880



000000



808080

Same Dimension

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



4DB6DB



38CBFF



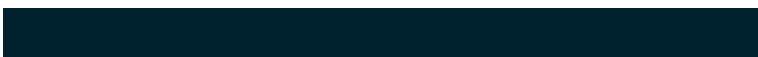
4D70DB



636B6E



0080AD



00222E

Inverse Universe

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



DB4DB6



FF38CB



DBB74D



6E636B



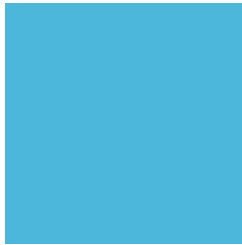
AD0080



2E0022

Previews

White Background



This preview shows how the Hex color 4DB6DB looks on a white background.

Color Contrast Check

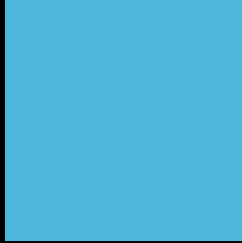
Large Text (above 18pt) WCAG AA × Fail

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 4DB6DB 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 4DB6DB Background



This preview shows how black text looks on a background with the Hex color 4DB6DB.

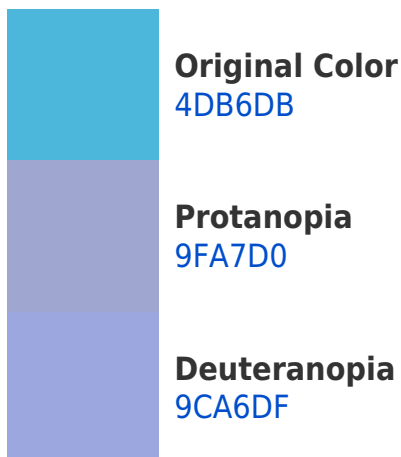


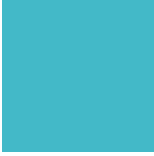
This preview shows how white text looks on a background with the Hex color 4DB6DB.

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](#).

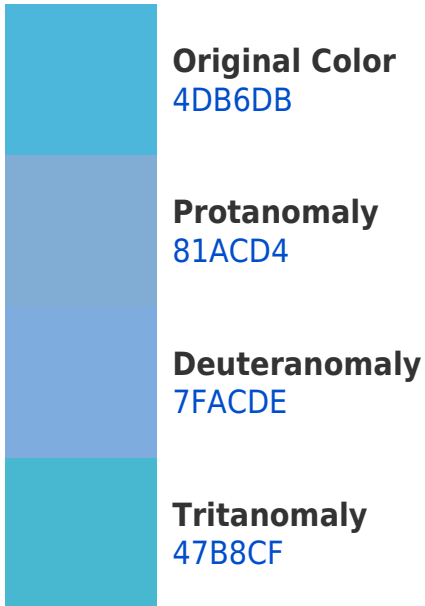
Dichromacy



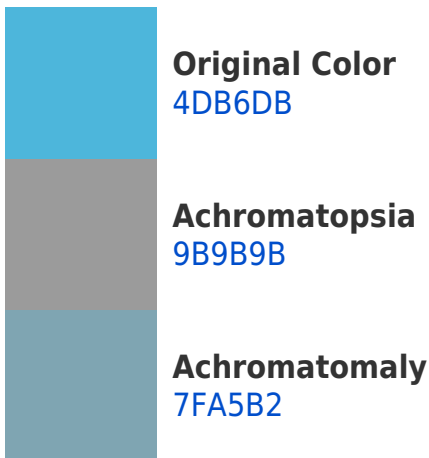


Tritanopia
43B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4DB6DB 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 #4DB6DB looks like.

```
.text, #text, p{  
    color:#4DB6DB  
}
```

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 #4DB6DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DB6DB  
}
```

Border

The CSS property to change the border of an element to Hex 4DB6DB 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  
#4DB6DB }
```

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

```
.border{ border-color:#4DB6DB }
```

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

Here you see how a box with a 4 pixel #4DB6DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DB6DB; -webkit-box-shadow:4px 4px  
4px 4px #4DB6DB; box-shadow:4px 4px 4px  
4px #4DB6DB }
```

Background

The CSS property to change the background color of an element to Hex 4DB6DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DB6DB }
```

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

```
.background{ background-color:#4DB6DB }
```

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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