

Converting Colors

Hex(4DB1DF)

Have a look what the booklet for
Hex(4DB1DF) contains.

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Color

Hex(4DB1DF)

Conversions

Conversions Part 1

Format	Color
Hex	4DB1DF
RGB	77, 177, 223
RGB Percent	30%, 69%, 87%
CMY	0.6980, 0.3059, 0.1255
CMYK	0.65, 0.21, 0.00, 0.13
HSL	199°, 70%, 59%
HSV	199°, 65%, 87%
XYZ	32.1020, 38.3498, 75.5223
YIQ	152.3440, -74.3660, -6.8940

Conversions

Conversions Part 2

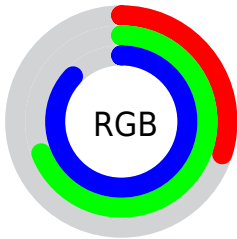
Format	Color
RYB	77, 136, 223
Decimal	5091807
CIELab	68.28, -15.06, -31.73
CIELCh	68, 35.125, 244.610
Yxy	38.3498, 0.2199, 0.2627
Android (android.graphics.Color)	4283281887 (0xFF4DB1DF)
YUV	152.3440, 34.8334, -66.0767
Hunter-Lab	61.9272, -15.8413, -28.9571

Details

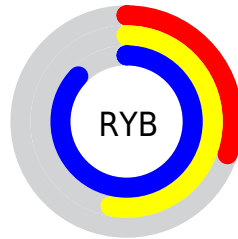
The Hex color **4DB1DF** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **DF7B4D**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **8CE9FF**, and **007CA8** is the 20% darker color. If you saturate the color by 10%, you get **37AADF**, and if you desaturate by 10%, it is **63B8DF**.

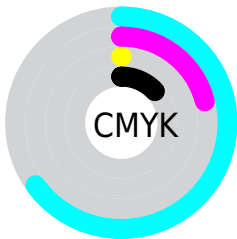
Distribution



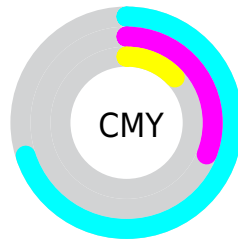
- Red (30%)
- Green (69%)
- Blue (87%)



- Red (30%)
- Yellow (53%)
- Blue (87%)



- Cyan (65%)
- Magenta (21%)
- Yellow (0%)
- Black (13%)



- Cyan (70%)
- Magenta (31%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DB1DF 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 4DB1DF by changing the saturation by 10% instead.

■ 4DB1DF

■ 4DB1DF

FFFFFF

■ 2696C3

■ 8CE9FF

■ 007CA8

■ AAFFFF

■ 00638D

■ C8FFFF

■ 004C73

■ E6FFFF

■ 00355B

■ 002043

■ 00032D

■ 000117

■ 000000

■ 4DB1DF

■ 4DB1DF

■ 37AADF

■ 63B8DF

■ 20A3DF

■ 7ABFDF

■ 0A9CDF

■ 90C6DF

■ 0099DF

■ A6CDDF

■ BDD4DF

■ D3DBDF

■ E9E2DF

■ FFE9DF

■ FFF0DF

Harmonies

Analogous

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



2CB6C9



4DB1DF



82A8E5

Triad

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



4DB1DF



E38EA3



95AF71

Complementary

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



4DB1DF



DF7B4D

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.



B7A667



4DB1DF



E29284

Square

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



4DB1DF



D392C2



D29B6E



6FB58A

Rectangle

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



4DB1DF



A2A0E0



D29B6E



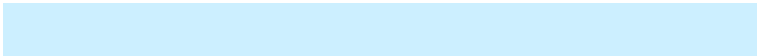
A1AD6C

Sweetspot

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



4DB1DF



CCEFFF



4DDF79



617680



000000



808080

Same Dimension

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



4DB1DF



36C0FF



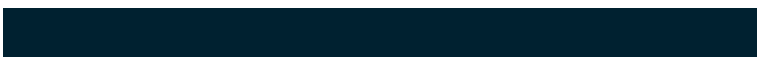
4D6ADF



656D70



0079B0



002130

Inverse Universe

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



DF4DB1



FF36C0



DFC24D



70656D



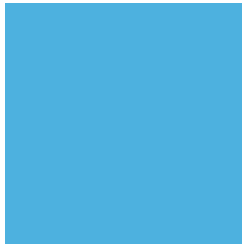
B00079



300021

Previews

White Background



This preview shows how the Hex color 4DB1DF looks on a white background.

Color Contrast Check

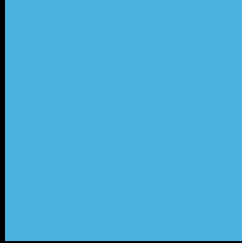
Large Text (above 18pt) WCAG AA × Fail

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 4DB1DF 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 4DB1DF Background



This preview shows how black text looks on a background with the Hex color 4DB1DF.

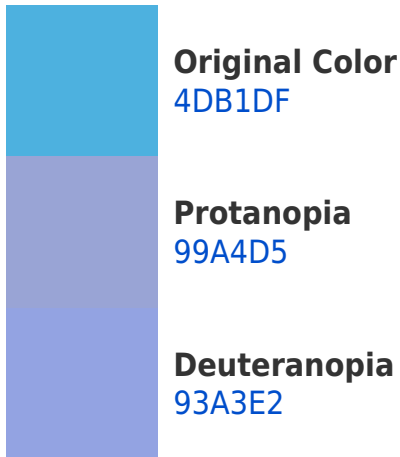


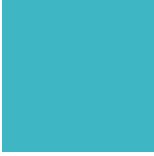
This preview shows how white text looks on a background with the Hex color 4DB1DF.

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](#).

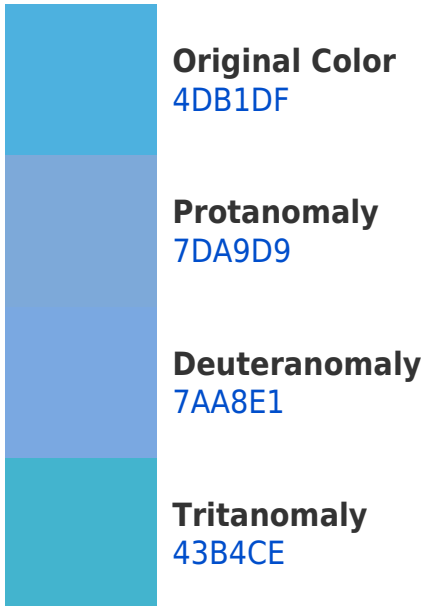
Dichromacy



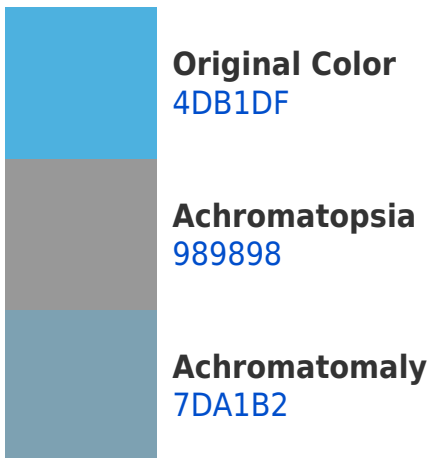


Tritanopia
3EB6C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4DB1DF 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 #4DB1DF looks like.

```
.text, #text, p{  
    color:#4DB1DF  
}
```

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 #4DB1DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DB1DF
}
```

Border

The CSS property to change the border of an element to Hex 4DB1DF 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
#4DB1DF }
```

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

```
.border{ border-color:#4DB1DF }
```

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

Here you see how a box with a 4 pixel #4DB1DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DB1DF; -webkit-box-shadow:4px 4px  
4px 4px #4DB1DF; box-shadow:4px 4px 4px  
4px #4DB1DF }
```

Background

The CSS property to change the background color of an element to Hex 4DB1DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DB1DF }
```

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

```
.background{ background-color:#4DB1DF }
```

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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