

Converting Colors

Hex(4DBDE8)

Have a look what the booklet for
Hex(4DBDE8) contains.

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Color

Hex(4DBDE8)

Conversions

Conversions Part 1

Format	Color
Hex	4DBDE8
RGB	77, 189, 232
RGB Percent	30%, 74%, 91%
CMY	0.6980, 0.2588, 0.0902
CMYK	0.67, 0.19, 0.00, 0.09
HSL	197°, 77%, 61%
HSV	197°, 67%, 91%
XYZ	35.8237, 43.7992, 82.9099
YIQ	160.4140, -80.5550, -10.3710

Conversions

Conversions Part 2

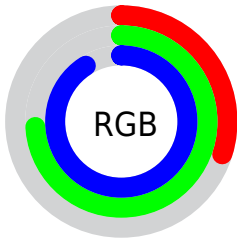
Format	Color
RYB	77, 142, 232
Decimal	5094888
CIELab	72.09, -18.54, -30.75
CIElCh	72, 35.906, 238.905
Yxy	43.7992, 0.2204, 0.2695
Android (android.graphics.Color)	4283284968 (0xFF4DBDE8)
YUV	160.4140, 35.2919, -73.1541
Hunter-Lab	66.1809, -19.1948, -27.9504

Details

The Hex color **4DBDE8** 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 **E8784D**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **8DF5FF**, and **0088B0** is the 20% darker color. If you saturate the color by 10%, you get **36B7E8**, and if you desaturate by 10%, it is **64C3E8**.

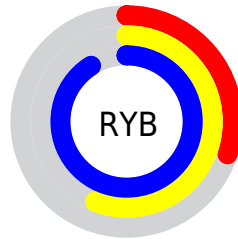
Distribution



Red (30%)

Green (74%)

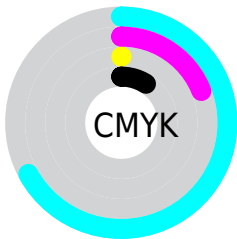
Blue (91%)



Red (30%)

Yellow (56%)

Blue (91%)

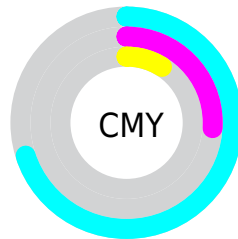


Cyan (67%)

Magenta (19%)

Yellow (0%)

Black (9%)



Cyan (70%)

Magenta (26%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DBDE8 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 4DBDE8 by changing the saturation by 10% instead.

■ 4DBDE8

■ 4DBDE8

FFFFFF

■ 23A2CC

■ 8DF5FF

■ 0088B0

■ ACFFFF

■ 006E95

■ CAFFFF

■ 00567B

■ E9FFFF

■ 003E62

■ 00284A

■ 001134

■ 00021E

■ 000000

 4DBDE8

 4DBDE8

 36B7E8

 64C3E8

 1FB0E8

 7BCAE8

 07AAE8

 93D0E8

 00A8E8

 AAD7E8

 C1DDE8

 D8E4E8

 EFEAE8

 FFF0E8

 FFF7E8

Harmonies

Analogous

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



37C2CF



4DBDE8



81B4F2

Triad

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



4DBDE8



EE98B3



A6B876

Complementary

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



4DBDE8



E8784D

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.



C8AE6F



4DBDE8



F09A93

Square

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



4DBDE8



D99ED3



E2A37A



7FBF8E

Rectangle

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



4DBDE8



A3ADEF



E2A37A



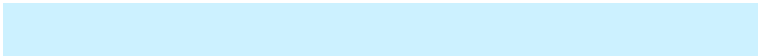
B2B572

Sweetspot

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



4DBDE8



CCF1FF



4DE876



617780



000000



808080

Same Dimension

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



4DBDE8



33C6FF



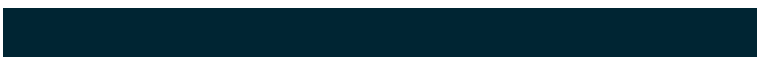
4D71E8



677073



0081B3



002533

Inverse Universe

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



E84DBD



FF33C6



E8C44D



736770



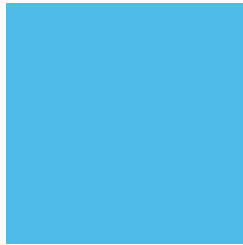
B30081



330025

Previews

White Background



This preview shows how the Hex color 4DBDE8 looks on a white background.

Color Contrast Check

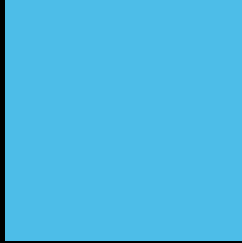
Large Text (above 18pt) WCAG AA × Fail

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 4DBDE8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

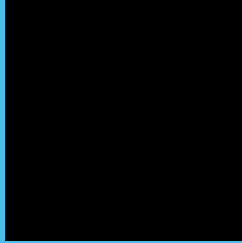
Any Text WCAG AA ✓ Pass

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 4DBDE8 Background



This preview shows how black text looks on a background with the Hex color 4DBDE8.

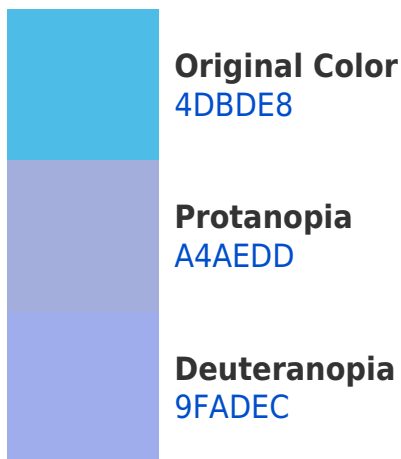


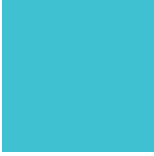
This preview shows how white text looks on a background with the Hex color 4DBDE8.

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



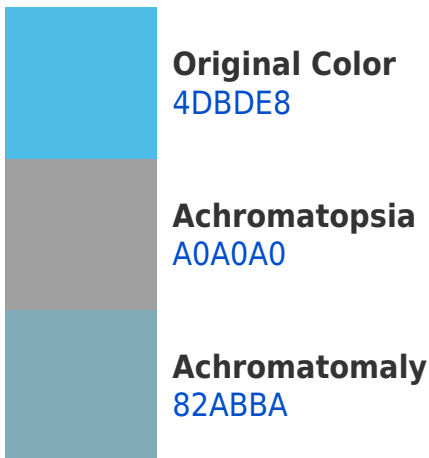


Tritanopia
40C1D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4DBDE8 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 #4DBDE8 looks like.

```
.text, #text, p{  
    color:#4DBDE8  
}
```

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 #4DBDE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DBDE8  
}
```

Border

The CSS property to change the border of an element to Hex 4DBDE8 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  
#4DBDE8 }
```

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

```
.border{ border-color:#4DBDE8 }
```

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

Here you see how a box with a 4 pixel #4DBDE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DBDE8; -webkit-box-shadow:4px 4px  
4px 4px #4DBDE8; box-shadow:4px 4px 4px  
4px #4DBDE8 }
```

Background

The CSS property to change the background color of an element to Hex 4DBDE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DBDE8 }
```

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

```
.background{ background-color:#4DBDE8 }
```

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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