

Converting Colors

Hex(4DB9F3)

Have a look what the booklet for
Hex(4DB9F3) contains.

Hex(4DB9F3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4DB9F3)

Conversions

Conversions Part 1

Format	Color
Hex	4DB9F3
RGB	77, 185, 243
RGB Percent	30%, 73%, 95%
CMY	0.6980, 0.2745, 0.0471
CMYK	0.68, 0.24, 0.00, 0.05
HSL	201°, 87%, 63%
HSV	201°, 68%, 95%
XYZ	36.5872, 42.7468, 91.1166
YIQ	159.3200, -82.9860, -4.8580

Conversions

Conversions Part 2

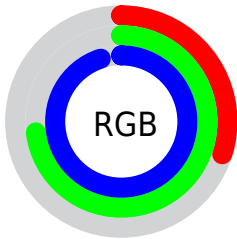
Format	Color
RYB	77, 142, 243
Decimal	5093875
CIELab	71.38, -12.93, -37.81
CIELCh	71, 39.960, 251.121
Yxy	42.7468, 0.2146, 0.2508
Android (android.graphics.Color)	4283283955 (0xFF4DB9F3)
YUV	159.3200, 41.2542, -72.1946
Hunter-Lab	65.3810, -14.5282, -36.8613

Details

The Hex color **4DB9F3** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **F3874D**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **8FF1FF**, and **0084BB** is the 20% darker color. If you saturate the color by 10%, you get **35B1F3**, and if you desaturate by 10%, it is **65C1F3**.

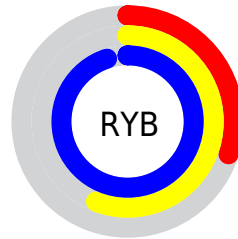
Distribution



Red (30%)

Green (73%)

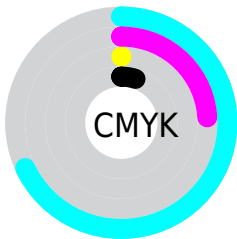
Blue (95%)



Red (30%)

Yellow (56%)

Blue (95%)

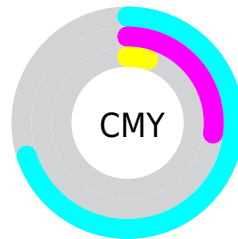


Cyan (68%)

Magenta (24%)

Yellow (0%)

Black (5%)



Cyan (70%)

Magenta (27%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DB9F3 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 4DB9F3 by changing the saturation by 10% instead.

■ 4DB9F3

■ 4DB9F3

FFFFFF

■ 219ED6

■ 8FF1FF

■ 0084BB

■ ADFFFF

■ 006B9F

■ CCFFFF

■ 005385

■ EBFFFF

■ 003C6B

■ 002653

■ 000F3C

■ 000225

■ 00010E

■ 4DB9F3

■ 4DB9F3

■ 35B1F3

■ 65C1F3

■ 1CA8F3

■ 7ECAF3

■ 04A0F3

■ 96D2F3

■ 009EF3

■ AEDBF3

■ C7E3F3

■ DFECF3

■ F7F4F3

■ FFFDF3

■ FFFFF3

Harmonies

Analogous

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



00CODE



4DB9F3



90AEF6

Triad

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



4DB9F3



F592A2



91BB77

Complementary

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



4DB9F3



F3874D

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.



B9B166



4DB9F3



F09981

Square

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



4DB9F3



E795C7



DAA56A



63C096

Rectangle

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



4DB9F3



B5A5ED



DAA56A



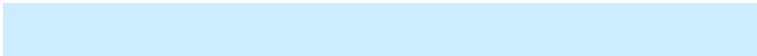
9FB86F

Sweetspot

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



4DB9F3



CCEDFF



4DF384



617580



000000



808080

Same Dimension

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



4DB9F3



2EB6FF



4D69F3



6E767A



0079BA



00263B

Inverse Universe

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



F34DB9



FF2EB6



F3D74D



7A6E76



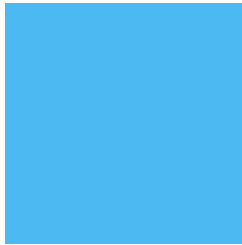
BA0079



3B0026

Previews

White Background



This preview shows how the Hex color 4DB9F3 looks on a white background.

Color Contrast Check

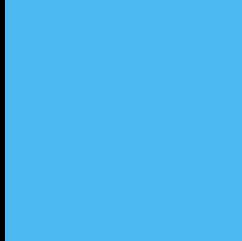
Large Text (above 18pt) WCAG AA × Fail

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 4DB9F3 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

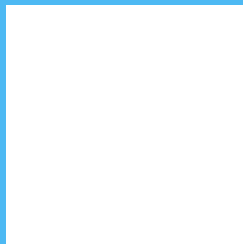
Any Text WCAG AAA ✓ Pass

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

Hex 4DB9F3 Background



This preview shows how black text looks on a background with the Hex color 4DB9F3.

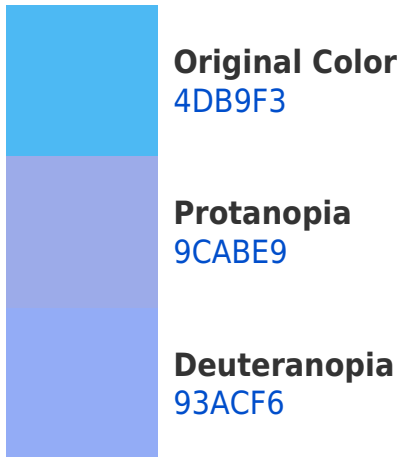


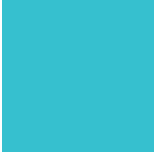
This preview shows how white text looks on a background with the Hex color 4DB9F3.

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](#).

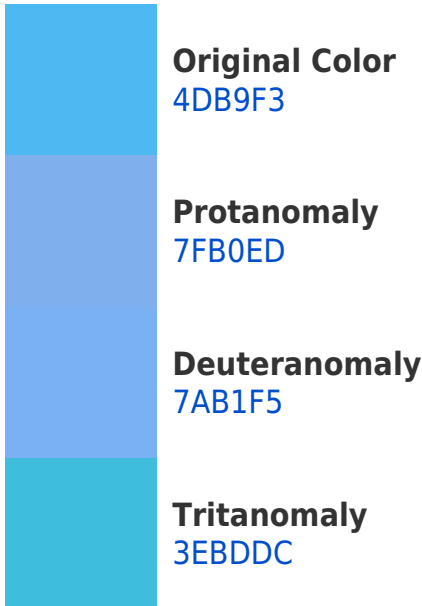
Dichromacy



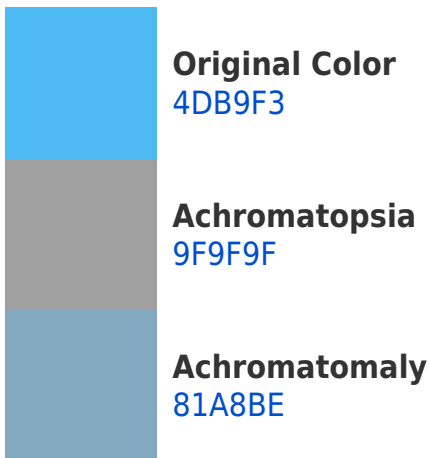


Tritanopia
36C0CF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4DB9F3 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 #4DB9F3 looks like.

```
.text, #text, p{  
    color:#4DB9F3  
}
```

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 #4DB9F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DB9F3
}
```

Border

The CSS property to change the border of an element to Hex 4DB9F3 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
#4DB9F3 }
```

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

```
.border{ border-color:#4DB9F3 }
```

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

Here you see how a box with a 4 pixel #4DB9F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DB9F3; -webkit-box-shadow:4px 4px  
4px 4px #4DB9F3; box-shadow:4px 4px 4px  
4px #4DB9F3 }
```

Background

The CSS property to change the background color of an element to Hex 4DB9F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DB9F3 }
```

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

```
.background{ background-color:#4DB9F3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor