

# Converting Colors

Hex(4DFBFB)

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

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# Color

**Hex(4DFBFB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DFBFB
RGB	77, 251, 251
RGB Percent	30%, 98%, 98%
CMY	0.6980, 0.0157, 0.0157
CMYK	0.69, 0.00, 0.00, 0.02
HSL	180°, 96%, 64%
HSV	180°, 69%, 98%
XYZ	54.9703, 77.5372, 103.3357
YIQ	198.9740, -103.7040, -36.8880

# Conversions

## Conversions Part 2

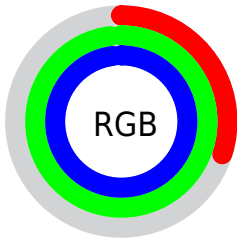
Format	Color
<a href="#">RYB</a>	<a href="#">77, 164, 251</a>
Decimal	<a href="#">5110779</a>
CIELab	<a href="#">90.57, -42.76, -12.81</a>
CIELCh	<a href="#">91, 44.641, 196.670</a>
Yxy	<a href="#">77.5372, 0.2331, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4283300859 (0xFF4DFBFB)</a>
YUV	<a href="#">198.9740, 25.6488, -106.9712</a>
Hunter-Lab	<a href="#">88.0552, -42.6642, -7.9402</a>

# Details

The Hex color **4DFBFB** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FB4D4D**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **95FFFF**, and **00C2C3** is the 20% darker color. If you saturate the color by 10%, you get **34FBFB**, and if you desaturate by 10%, it is **66FBFB**.

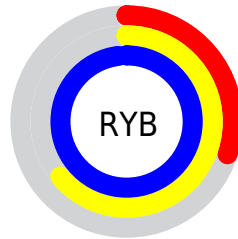
# Distribution



Red (30%)

Green (98%)

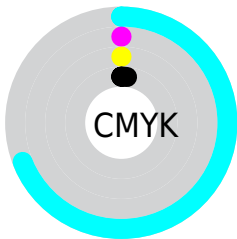
Blue (98%)



Red (30%)

Yellow (64%)

Blue (98%)

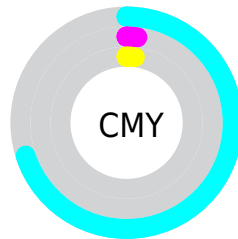


Cyan (69%)

Magenta (0%)

Yellow (0%)

Black (2%)



Cyan (70%)

Magenta (2%)

Yellow (2%)

# Brightness & Saturation Gradients

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



 4DFBFB

 4DFBFB

FFFFFF

 11DEDE

 95FFFF

 00C2C3

 B5FFFF

 00A6A7

 D5FFFF

 008B8D

 F5FFFF

 007173

 00585B

 003F44

 002A2D

 00051A

 4DFBFB

 4DFBFB


 34FBFB

 66FBFB

 18FBFB

 7FFBFB

 02FBFB

 98FBFB

 00FBFB

 B1FBFB

 CBFBFB

 E4FBFB

 FDFBFB

 FFFBFB

# Harmonies

## Analogous

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



83FACF



4DFBFB



47F7FF

# Triad

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



4DFBFB



FFD0FF



FFDB91

# Complementary

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



4DFBFB



FB4D4D

# 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.



FFCDA8



4DFBFB



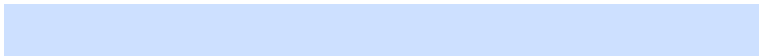
FFC5F9

# Square

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



4DFBFB



CDE0FF



FFC4CE



E9E991

# Rectangle

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



4DFBFB



70F2FF



FFC4CE



FFD696



# Sweetspot

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



4DFBFB



C9FFFF



4DFB4D



608080



000000



808080



# Same Dimension

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



4DFBFB



2BFFFF



4DA4FB



707D7D



00BDBD



003D3D



# Inverse Universe

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



FB4DFB



FF2BFF



FBA44D



7D707D



BD00BD

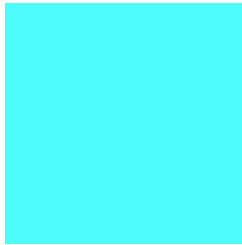


3D003D



# Previews

## White Background



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

## Color Contrast Check

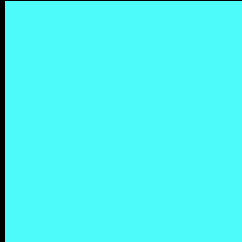
Large Text (above 18pt) WCAG AA × Fail

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 4DFBFB 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 4DFBFB Background



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

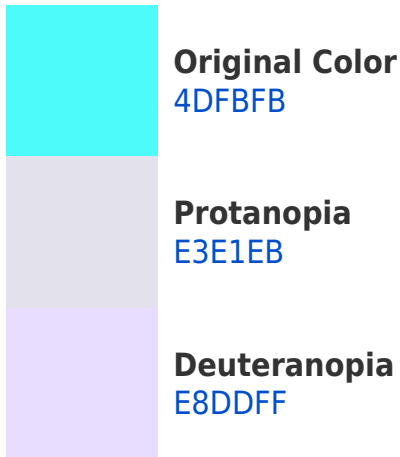


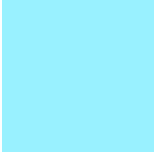
This preview shows how white text looks on a background with the Hex color 4DFBFB.

# 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](#).

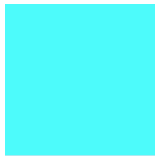
## Dichromacy





**Tritanopia**  
99F1FF

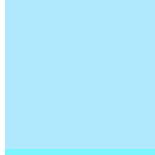
# Trichromacy



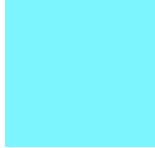
**Original Color**  
4DFBFB



**Protanomaly**  
ACEAF1



**Deuteranomaly**  
B0E8FE

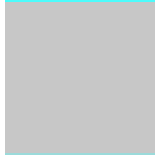


**Tritanomaly**  
7DF5FE

# Monochromacy



**Original Color**  
4DFBFB



**Achromatopsia**  
C7C7C7



**Achromatomaly**  
9BDADA

# CSS Examples

## Text

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

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

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 #4DFBFB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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