

Converting Colors

Hex(4DBFB3)

Have a look what the booklet for
Hex(4DBFB3) contains.

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Color

Hex(4DBFB3)

Conversions

Conversions Part 1

Format	Color
Hex	4DBFB3
RGB	77, 191, 179
RGB Percent	30%, 75%, 70%
CMY	0.6980, 0.2510, 0.2980
CMYK	0.60, 0.00, 0.06, 0.25
HSL	174°, 47%, 53%
HSV	174°, 60%, 75%
XYZ	29.8281, 42.0941, 49.2007
YIQ	155.5460, -64.0920, -27.9000

Conversions

Conversions Part 2

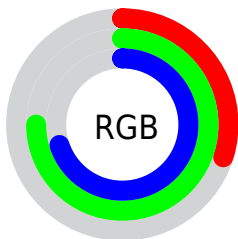
Format	Color
RYB	77, 137, 191
Decimal	5095347
CIELab	70.94, -34.94, -3.58
CIElCh	71, 35.125, 185.857
Yxy	42.0941, 0.2463, 0.3475
Android (android.graphics.Color)	4283285427 (0xFF4DBFB3)
YUV	155.5460, 11.5628, -68.8848
Hunter-Lab	64.8799, -31.4759, 0.4543

Details

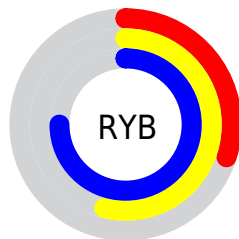
The Hex color **4DBFB3** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BF4D59**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **89F8EB**, and **00897E** is the 20% darker color. If you saturate the color by 10%, you get **3ABFB1**, and if you desaturate by 10%, it is **60BFB5**.

Distribution



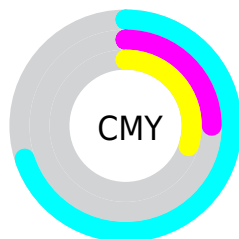
- Red (30%)
- Green (75%)
- Blue (70%)



- Red (30%)
- Yellow (54%)
- Blue (75%)



- Cyan (60%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)



- Cyan (70%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DBFB3 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 4DBFB3 by changing the saturation by 10% instead.

 4DBFB3

 4DBFB3

FFFFFF

 2AA498

 89F8EB

 00897E

 A6FFFF

 006F65

 C4FFFF

 00564E

 E1FFFF

 003E37

 002822

 00070C

 000000

 4DBFB3

 4DBFB3

 3ABFB1

 60BFB5

 27BFAF

 73BFB7

 14BFAD

 86BFB9

 01BFAB

 99BFBB

 00BFAB

 ACBFBD

 C0BFBF

 D3BFC1

 E6BFC3

 F9BFC5

Harmonies

Analogous

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



74BD92



4DBFB3



38BDD2

Triad

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



4DBFB3



BAA3E1



D9A374

Complementary

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



4DBFB3



BF4D59

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.



EA998A



4DBFB3



DB99C8

Square

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



4DBFB3



8BAFED



EB95A8



BDAE6D

Rectangle

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



4DBFB3



49BAE2



EB95A8



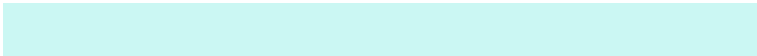
E09F7A

Sweetspot

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



4DBFB3



CBF7F3



5ABF4D



617D7A



FCFCFC



7D7D7D

Same Dimension

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



4DBFB3



45F7E5



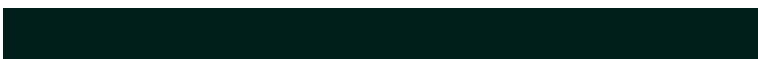
4D93BF



555E5D



009E8D



001F1B

Inverse Universe

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



BF4D59



F74558



BF794D



5E5556



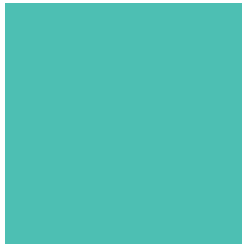
9E0011



1F0003

Previews

White Background



This preview shows how the Hex color 4DBFB3 looks on a white background.

Color Contrast Check

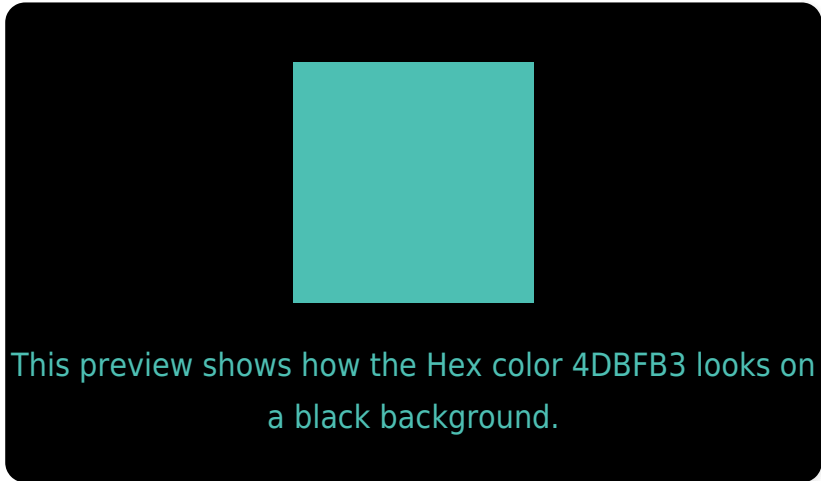
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

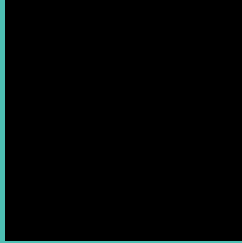
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

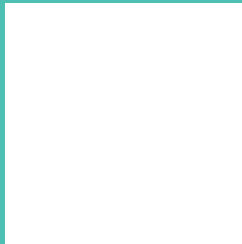
Any Text WCAG AAA ✓ Pass

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

Hex 4DBFB3 Background



This preview shows how black text looks on a background with the Hex color 4DBFB3.

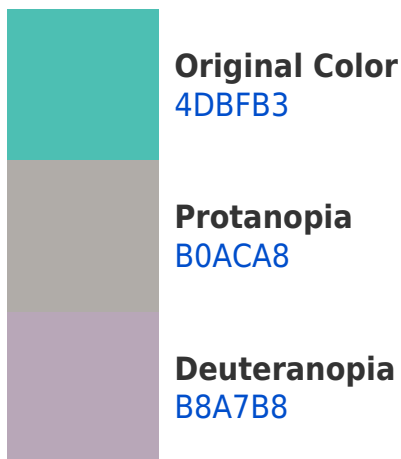


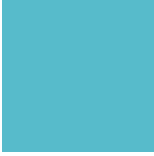
This preview shows how white text looks on a background with the Hex color 4DBFB3.

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



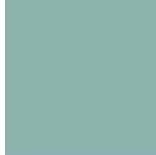


Tritanopia
57BBCB

Trichromacy



Original Color
4DBFB3



Protanomaly
8CB3AC



Deuteranomaly
91B0B6



Tritanomaly
53BCC2

Monochromacy



Original Color
4DBFB3



Achromatopsia
9C9C9C



Achromatomaly
7FA9A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DBFB3 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 #4DBFB3 looks like.

```
.text, #text, p{  
    color:#4DBFB3  
}
```

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 #4DBFB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DBFB3
}
```

Border

The CSS property to change the border of an element to Hex 4DBFB3 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
#4DBFB3 }
```

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

```
.border{ border-color:#4DBFB3 }
```

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

Here you see how a box with a 4 pixel #4DBFB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DBFB3; -webkit-box-shadow:4px 4px  
4px 4px #4DBFB3; box-shadow:4px 4px 4px  
4px #4DBFB3 }
```

Background

The CSS property to change the background color of an element to Hex 4DBFB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DBFB3 }
```

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

```
.background{ background-color:#4DBFB3 }
```

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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