

Converting Colors

Hex(4CBFB0)

Have a look what the booklet for
Hex(4CBFB0) contains.

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Color

Hex(4CBFB0)

Conversions

Conversions Part 1

Format	Color
Hex	4CBFB0
RGB	76, 191, 176
RGB Percent	30%, 75%, 69%
CMY	0.7020, 0.2510, 0.3098
CMYK	0.60, 0.00, 0.08, 0.25
HSL	172°, 47%, 52%
HSV	172°, 60%, 75%
XYZ	29.4478, 41.9327, 47.6161
YIQ	154.9050, -63.7250, -29.0450

Conversions

Conversions Part 2

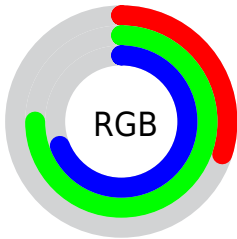
Format	Color
RYB	76, 138, 191
Decimal	5029808
CIELab	70.82, -35.91, -2.11
CIELCh	71, 35.975, 183.363
Yxy	41.9327, 0.2475, 0.3524
Android (android.graphics.Color)	4283219888 (0xFF4CBFB0)
YUV	154.9050, 10.3998, -69.1997
Hunter-Lab	64.7555, -32.1486, 1.7316

Details

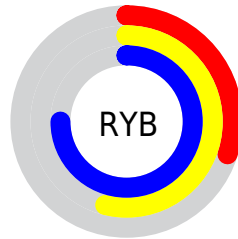
The Hex color **4CBFB0** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BF4C5B**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **88F8E8**, and **00897C** is the 20% darker color. If you saturate the color by 10%, you get **39BFAE**, and if you desaturate by 10%, it is **5FBFB2**.

Distribution



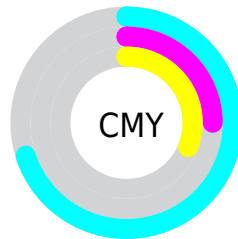
- Red (30%)
- Green (75%)
- Blue (69%)



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



- Cyan (60%)
- Magenta (0%)
- Yellow (8%)
- Black (25%)



- Cyan (70%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CBFB0 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 4CBFB0 by changing the saturation by 10% instead.

 4CBFB0

 4CBFB0


FFFFFF

 29A495

 88F8E8

 00897C

 A5FFFF

 006F63

 C3FFFF

 00564B

 E0FFFF

 003E34

 00281F

 000608

 000000

 4CBFB0

 4CBFB0

39BFAE

5FBFB2

26BFAB

72BFB5

13BFA9

85BFB7

00BFA6

98BFBA

ABBFBC

BFBFBF

D2BFC1

E5BFC4

F8BFC6

Harmonies

Analogous

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



76BC8F



4CBFB0



30BED0

Triad

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



4CBFB0



B6A3E4



DBA174

Complementary

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



4CBFB0



BF4C5B

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.



EC988B



4CBFB0



DA99CB

Square

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



4CBFB0



85AFEE



EC94AB



C0AD6B

Rectangle

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



4CBFB0



40BBE1



EC94AB



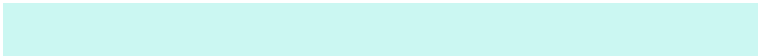
E29E7A

Sweetspot

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



4CBFB0



CBF7F2



5BBF4C



617D79



FCFCFC



7D7D7D

Same Dimension

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



4CBFB0



45F7E0



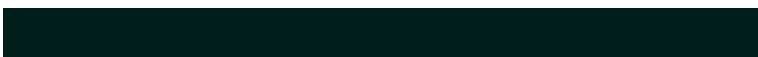
4C95BF



555E5D



009E89



001F1B

Inverse Universe

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



BF4C5B



F7455C



BF764C



5E5556



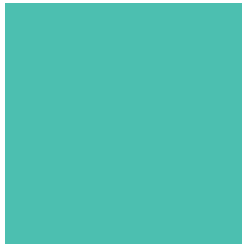
9E0015



1F0004

Previews

White Background



This preview shows how the Hex color 4CBFB0 looks on a white background.

Color Contrast Check

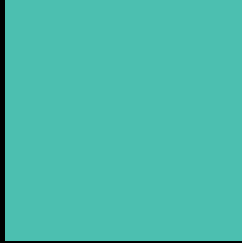
Large Text (above 18pt) WCAG AA × Fail

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 4CBFB0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

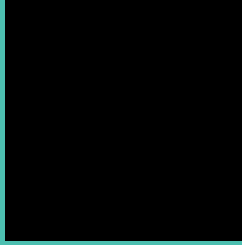
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

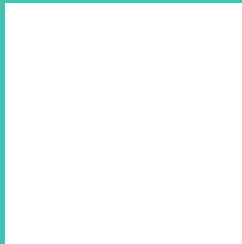
Any Text WCAG AAA ✓ Pass

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

Hex 4CBFB0 Background



This preview shows how black text looks on a background with the Hex color 4CBFB0.

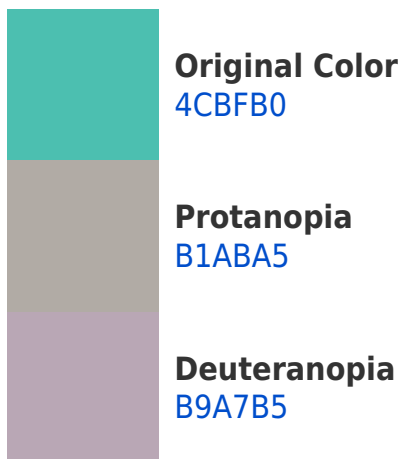


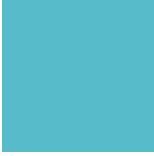
This preview shows how white text looks on a background with the Hex color 4CBFB0.

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](#).

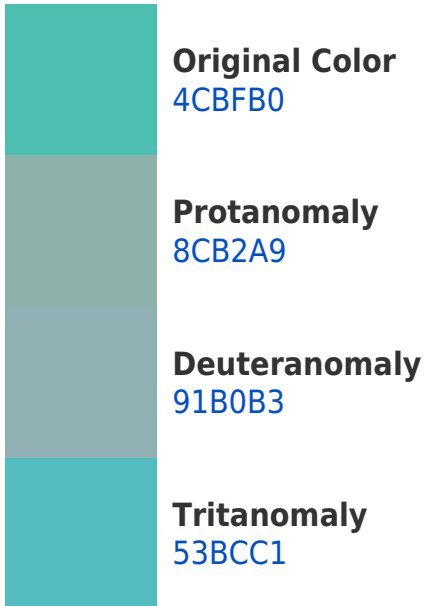
Dichromacy





Tritanopia
57BBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CBFB0 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 #4CBFB0 looks like.

```
.text, #text, p{  
    color:#4CBFB0  
}
```

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 #4CBFB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CBFB0  
}
```

Border

The CSS property to change the border of an element to Hex 4CBFB0 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  
#4CBFB0 }
```

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

```
.border{ border-color:#4CBFB0 }
```

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

Here you see how a box with a 4 pixel #4CBFB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CBFB0; -webkit-box-shadow:4px 4px  
4px 4px #4CBFB0; box-shadow:4px 4px 4px  
4px #4CBFB0 }
```

Background

The CSS property to change the background color of an element to Hex 4CBFB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CBFB0 }
```

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

```
.background{ background-color:#4CBFB0 }
```

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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