

Converting Colors

Hex(4BFCCD)

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

Hex(4BFCCD)	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(4BFCCD)

Conversions

Conversions Part 1

Format	Color
Hex	4BFCCD
RGB	75, 252, 205
RGB Percent	29%, 99%, 80%
CMY	0.7059, 0.0118, 0.1961
CMYK	0.70, 0.00, 0.19, 0.01
HSL	164°, 97%, 64%
HSV	164°, 70%, 99%
XYZ	48.7315, 75.5244, 69.7669
YIQ	193.7190, -90.4050, -52.1410

Conversions

Conversions Part 2

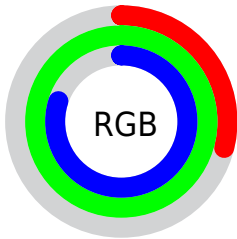
Format	Color
RYB	75, 177, 252
Decimal	4979917
CIELab	89.64, -55.15, 9.71
CIELCh	90, 56.001, 170.012
Yxy	75.5244, 0.2512, 0.3893
Android (android.graphics.Color)	4283169997 (0xFF4BFCCD)
YUV	193.7190, 5.5615, -104.1166
Hunter-Lab	86.9048, -51.9903, 13.2356

Details

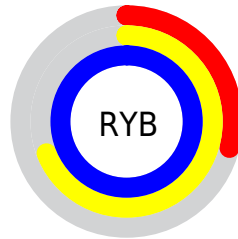
The Hex color **4BFCCD** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **FC4B7A**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **91FFFF**, and **00C297** is the 20% darker color. If you saturate the color by 10%, you get **32FCC6**, and if you desaturate by 10%, it is **64FCD4**.

Distribution



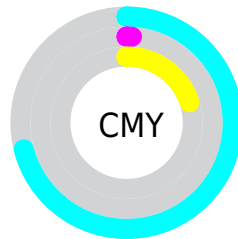
- Red (29%)
- Green (99%)
- Blue (80%)



- Red (29%)
- Yellow (69%)
- Blue (99%)



- Cyan (70%)
- Magenta (0%)
- Yellow (19%)
- Black (1%)



- Cyan (71%)
- Magenta (1%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 4BFCCD

 4BFCCD

FFFFFF

 14DFB2

 91FFFF

 00C297

 B0FFFF

 00A67D

 D0FFFF

 008B64

 EFFFFF

 00714C

 005735

 003E20

 00270A

 000000

 4BFCCD

 4BFCCD

 32FCC6

 64FCD4

 19FCC0

 7DFCDA

 00FCB9

 97FCE1

 B0FCE8

 C9FCEE

 E2FCF5

 FBFCFC

 FFFCFF

Harmonies

Analogous

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



A1F69A



4BFCCD



00FDFD

Triad

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



4BFCCD



CADAFF



FFC591

Complementary

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



4BFCCD



FC4B7A

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.



FFB7C0



4BFCCD



FFC6FF

Square

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



4BFCCD



5EECFE



FFB8F6



FFD877

Rectangle

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



4BFCCD



00FAFF



FFB8F6



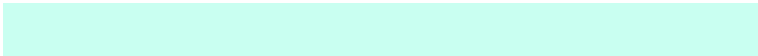
FFBF9F

Sweetspot

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



4BFCCD



C9FFF1



7AFC4B



608077



000000



808080

Same Dimension

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



4BFCCD



29FFC6



4BD3FC



707D7A



00BD8B



003D2D

Inverse Universe

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



FC4B7A



FF2962



FC744B



7D7074



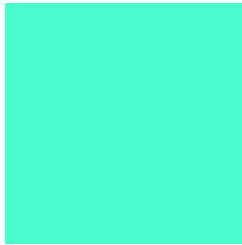
BD0032



3D0010

Previews

White Background



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

Color Contrast Check

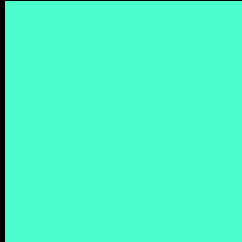
Large Text (above 18pt) WCAG AA × Fail

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 4BFCCD 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 4BFCCD Background



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

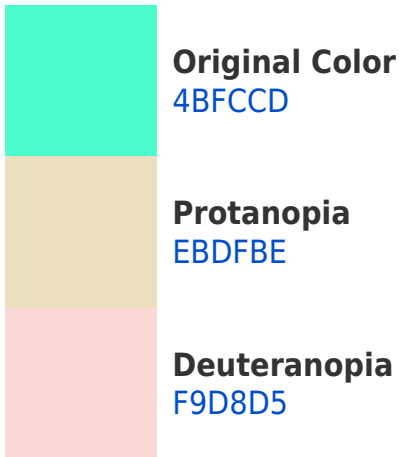


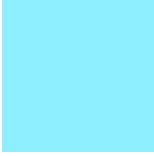
This preview shows how white text looks on a background with the Hex color 4BFCCD.

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



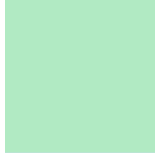


Tritanopia
8EEFF

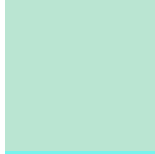
Trichromacy



Original Color
4BFCCD



Protanomaly
B1EAC3



Deuteranomaly
BAE5D2

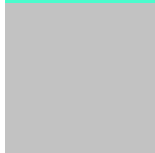


Tritanomaly
76F4ED

Monochromacy



Original Color
4BFCCD



Achromatopsia
C2C2C2



Achromatomaly
97D7C6

CSS Examples

Text

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

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

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 #4BFCCD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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