

Converting Colors

Hex(4FB1CE)

Have a look what the booklet for
Hex(4FB1CE) contains.

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Color

Hex(4FB1CE)

Conversions

Conversions Part 1

Format	Color
Hex	4FB1CE
RGB	79, 177, 206
RGB Percent	31%, 69%, 81%
CMY	0.6902, 0.3059, 0.1922
CMYK	0.62, 0.14, 0.00, 0.19
HSL	194°, 56%, 56%
HSV	194°, 62%, 81%
XYZ	30.0872, 37.5628, 64.0571
YIQ	151.0040, -67.7170, -11.7570

Conversions

Conversions Part 2

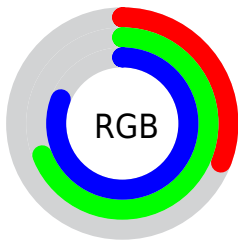
Format	Color
R_{YB}	79, 134, 206
Decimal	5222862
CIE _{Lab}	67.70, -20.00, -23.28
CIE _{LCh}	68, 30.691, 229.330
Yxy	37.5628, 0.2284, 0.2852
Android (android.graphics.Color)	4283412942 (0xFF4FB1CE)
YUV	151.0040, 27.1130, -63.1475
Hunter-Lab	61.2885, -19.6273, -19.0664

Details

The Hex color **4FB1CE** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **CE6C4F**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **8BE9FF**, and **007C98** is the 20% darker color. If you saturate the color by 10%, you get **3AACCE**, and if you desaturate by 10%, it is **64B6CE**.

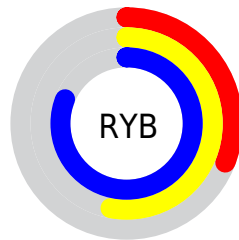
Distribution



Red (31%)

Green (69%)

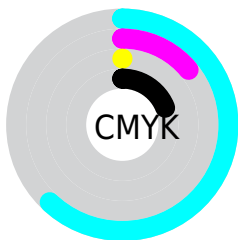
Blue (81%)



Red (31%)

Yellow (53%)

Blue (81%)

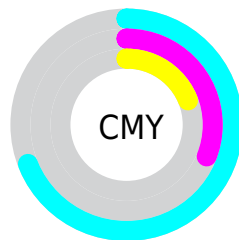


Cyan (62%)

Magenta (14%)

Yellow (0%)

Black (19%)



Cyan (69%)

Magenta (31%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FB1CE 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 4FB1CE by changing the saturation by 10% instead.

 4FB1CE

 4FB1CE

FFFFFF

 2C96B2

 8BE9FF

 007C98

 A9FFFF

 00637E


 C6FFFF

 004B65


 E4FFFF

 00344D

 002036

 000221

 000005

 000000

 4FB1CE


 4FB1CE

 3AACCE

 64B6CE

 26A8CE

 78BACE

 11A3CE

 8DBFCE

 009FCE

 A1C4CE

 B6C9CE

 CBCDCE

 DFD2CE

 F4D7CE

 FFDBCE

Harmonies

Analogous

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



4CB4B6



4FB1CE



71ABDB

Triad

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



4FB1CE



D591B0



A6A970

Complementary

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



4FB1CE



CE6C4F

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.



C1A06F



4FB1CE



DC9194

Square

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



4FB1CE



BE98C9



D5977C



86B080

Rectangle

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



4FB1CE



8DA5DB



D5977C



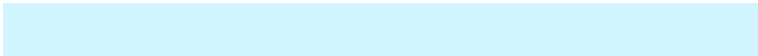
B0A66E

Sweetspot

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



4FB1CE



D1F5FF



4FCE6B



637980



000000



808080

Same Dimension

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



4FB1CE



42D4FF



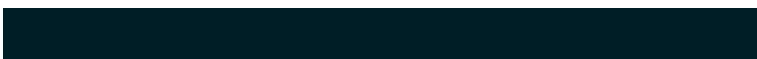
4F73CE



5C6466



0080A6



001E26

Inverse Universe

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



CE4FB1



FF42D4



CEAA4F



665C64



A60080



26001E

Previews

White Background



This preview shows how the Hex color 4FB1CE looks on a white background.

Color Contrast Check

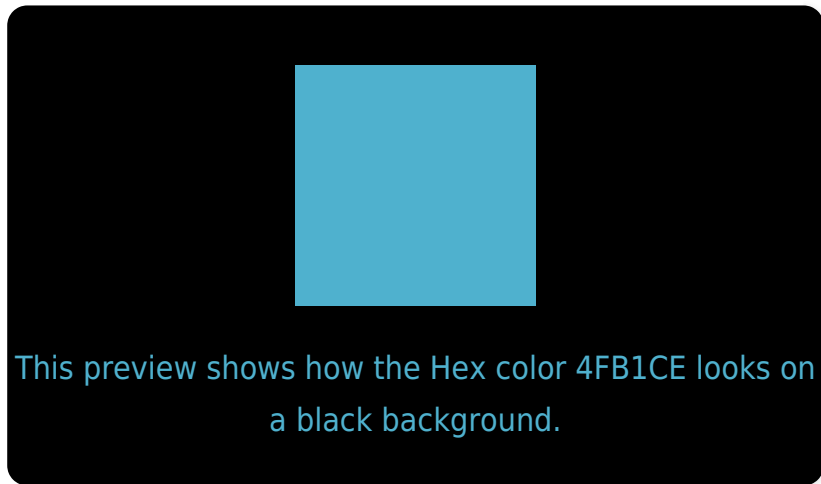
Large Text (above 18pt) WCAG AA × Fail

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

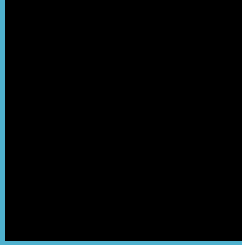
Any Text WCAG AA ✓ Pass

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 4FB1CE Background



This preview shows how black text looks on a background with the Hex color 4FB1CE.

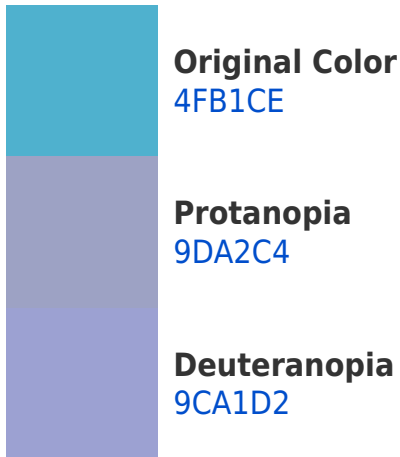


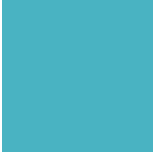
This preview shows how white text looks on a background with the Hex color 4FB1CE.

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](#).

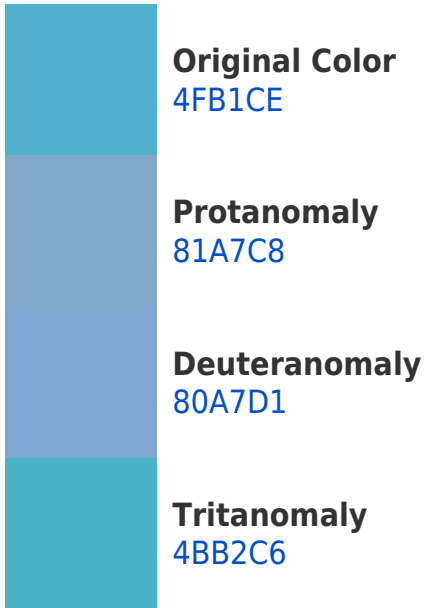
Dichromacy



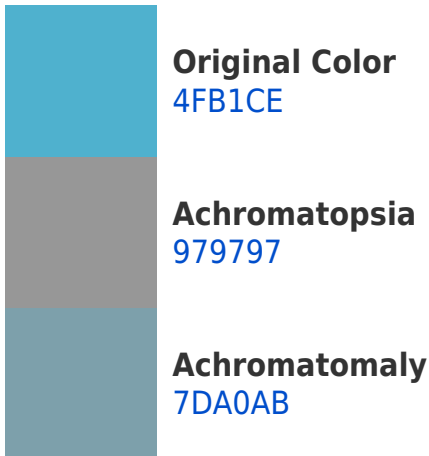


Tritanopia
49B3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4FB1CE 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 #4FB1CE looks like.

```
.text, #text, p{  
    color:#4FB1CE  
}
```

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 #4FB1CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FB1CE
}
```

Border

The CSS property to change the border of an element to Hex 4FB1CE 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
#4FB1CE }
```

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

```
.border{ border-color:#4FB1CE }
```

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

Here you see how a box with a 4 pixel #4FB1CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FB1CE; -webkit-box-shadow:4px 4px  
4px 4px #4FB1CE; box-shadow:4px 4px 4px  
4px #4FB1CE }
```

Background

The CSS property to change the background color of an element to Hex 4FB1CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FB1CE }
```

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

```
.background{ background-color:#4FB1CE }
```

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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