

# Converting Colors

Hex(4FB5BC)

Have a look what the booklet for  
Hex(4FB5BC) contains.

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**Color**

**Hex(4FB5BC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FB5BC
RGB	79, 181, 188
RGB Percent	31%, 71%, 74%
CMY	0.6902, 0.2902, 0.2627
CMYK	0.58, 0.04, 0.00, 0.26
HSL	184°, 45%, 52%
HSV	184°, 58%, 74%
XYZ	28.8254, 38.3409, 53.4582
YIQ	151.3000, -63.0390, -19.4470

# Conversions

## Conversions Part 2

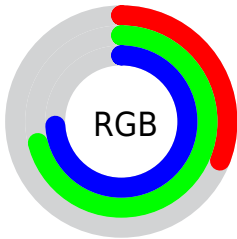
Format	Color
<b>RYB</b>	79, 132, 188
Decimal	5223868
CIELab	68.27, -27.31, -12.48
CIELCh	68, 30.025, 204.568
Yxy	38.3409, 0.2390, 0.3179
Android (android.graphics.Color)	4283413948 (0xFF4FB5BC)
YUV	151.3000, 18.0931, -63.4071
Hunter-Lab	61.9200, -25.2634, -7.8436

# Details

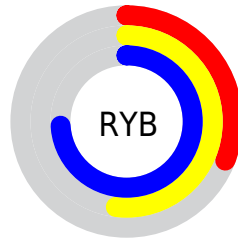
The Hex color **4FB5BC** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **BC564F**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **8AEDF4**, and **008087** is the 20% darker color. If you saturate the color by 10%, you get **3CB4BC**, and if you desaturate by 10%, it is **62B6BC**.

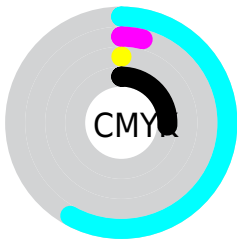
# Distribution



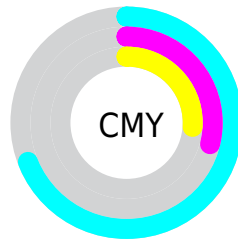
- Red (31%)
- Green (71%)
- Blue (74%)



- Red (31%)
- Yellow (52%)
- Blue (74%)



- Cyan (58%)
- Magenta (4%)
- Yellow (0%)
- Black (26%)



- Cyan (69%)
- Magenta (29%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FB5BC 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 4FB5BC by changing the saturation by 10% instead.



 4FB5BC

 4FB5BC

FFFFFF

 2E9AA1

 8AEDF4

 008087

 A7FFFF

 00666E

 C5FFFF

 004E55

 E2FFFF

 00373E

 002228

 000114

 000000

 4FB5BC

 4FB5BC

■ 3CB4BC

■ 62B6BC

■ 29B3BC

■ 75B7BC

■ 17B1BC

■ 87B9BC

■ 04B0BC

■ 9ABABC

■ 00B0BC

■ ADBBBC

■ C0BCBC

■ D3BDBC

■ E5BFBC

■ F8C0BC

# Harmonies

## Analogous

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



64B5A0



4FB5BC



58B1D2

# Triad

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



4FB5BC



C498C6



BEA371

# Complementary

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



4FB5BC



BC564F

# 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.



D39A7B



4FB5BC



D893AC

# Square

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



4FB5BC



A3A1D8



DD9391



A2AC75

# Rectangle

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



4FB5BC



6EADDA



DD9391



C6A073



# Sweetspot

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



4FB5BC



CBF2F5



4FBC54



62797A



FAFAFA



7A7A7A



# Same Dimension

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



4FB5BC



49EAF5



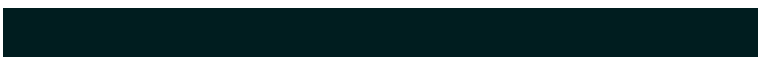
4F80BC



555E5E



00949E



001D1F



# Inverse Universe

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



BC4FB5



F549EA



BC8B4F



5E555E



9E0094

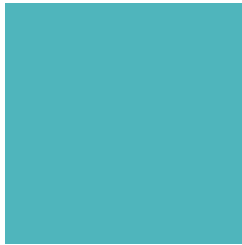


1F001D



# Previews

## White Background



This preview shows how the Hex color 4FB5BC looks on a white background.

## Color Contrast Check

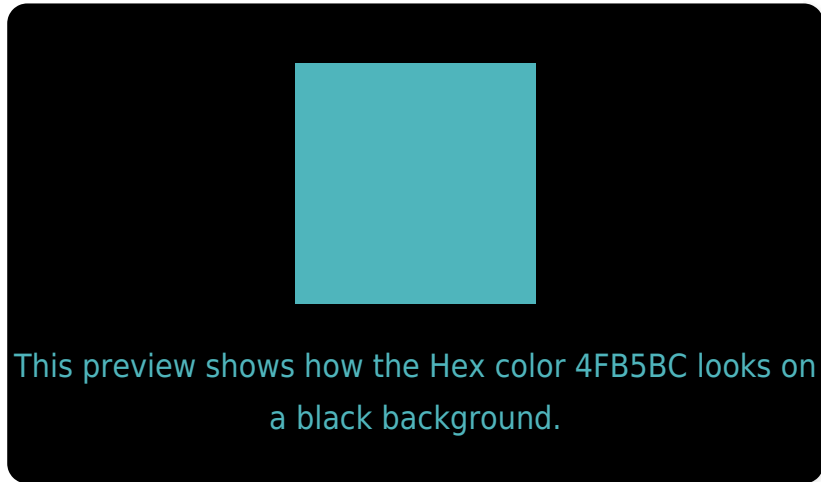
Large Text (above 18pt) WCAG AA × Fail

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

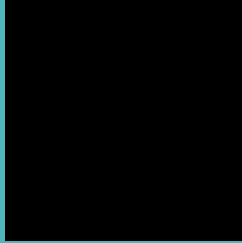
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

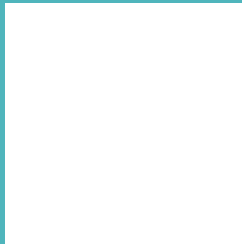
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4FB5BC Background



This preview shows how black text looks on a background with the Hex color 4FB5BC.

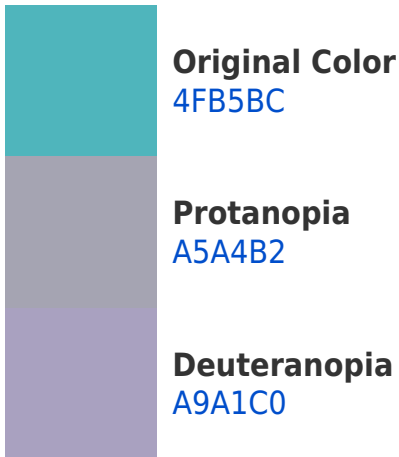


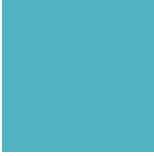
This preview shows how white text looks on a background with the Hex color 4FB5BC.

# 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](#).

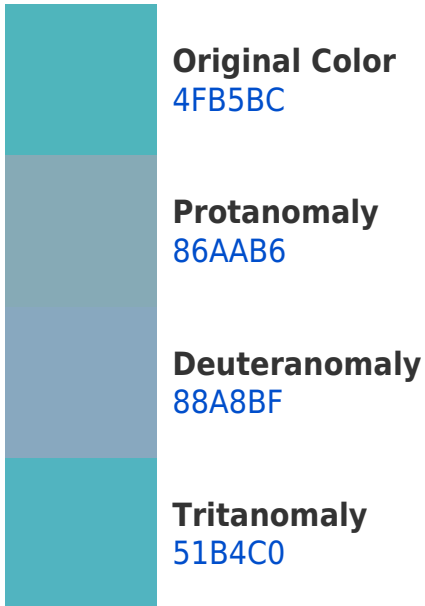
## Dichromacy



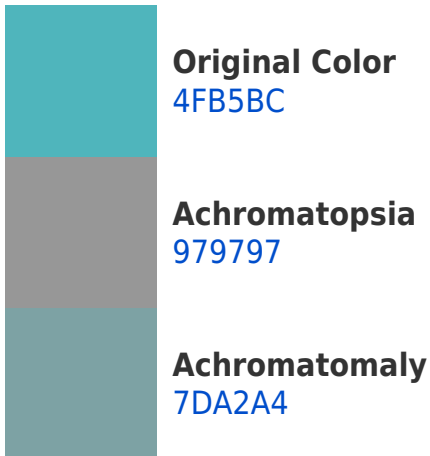


**Tritanopia**  
52B4C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FB5BC 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 #4FB5BC looks like.

```
.text, #text, p{  
    color:#4FB5BC  
}
```

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 #4FB5BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FB5BC
}
```

## Border

The CSS property to change the border of an element to Hex 4FB5BC 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
#4FB5BC }
```

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

```
.border{ border-color:#4FB5BC }
```

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

Here you see how a box with a 4 pixel #4FB5BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FB5BC; -webkit-box-shadow:4px 4px  
4px 4px #4FB5BC; box-shadow:4px 4px 4px  
4px #4FB5BC }
```

# Background

The CSS property to change the background color of an element to Hex 4FB5BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FB5BC }
```

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

```
.background{ background-color:#4FB5BC }
```

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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