

# Converting Colors

Hex(4FB7B2)

Have a look what the booklet for  
Hex(4FB7B2) contains.

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**Color**

**Hex(4FB7B2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FB7B2
RGB	79, 183, 178
RGB Percent	31%, 72%, 70%
CMY	0.6902, 0.2824, 0.3020
CMYK	0.57, 0.00, 0.03, 0.28
HSL	177°, 42%, 51%
HSV	177°, 57%, 72%
XYZ	28.1938, 38.7436, 48.1118
YIQ	151.3340, -60.3790, -23.6030

# Conversions

## Conversions Part 2

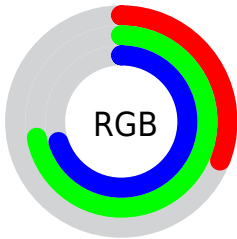
Format	Color
<b>RYB</b>	79, 132, 183
Decimal	5224370
CIELab	68.57, -31.05, -6.53
CIELCh	69, 31.726, 191.880
Yxy	38.7436, 0.2451, 0.3368
Android (android.graphics.Color)	4283414450 (0xFF4FB7B2)
YUV	151.3340, 13.1463, -63.4369
Hunter-Lab	62.2443, -28.0753, -2.2572




# Details

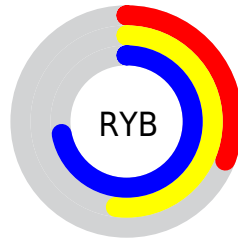
The Hex color **4FB7B2** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **B74F54**, and the grayscale version is **979797**.




A 20% lighter version of the original color is **8AEFEA**, and **00817D** is the 20% darker color. If you saturate the color by 10%, you get **3DB7B1**, and if you desaturate by 10%, it is **61B7B3**.

# Distribution







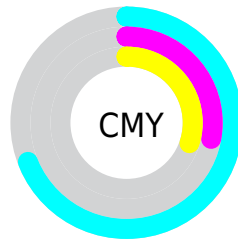
-  Red (31%)
-  Green (72%)
-  Blue (70%)






-  Red (31%)
-  Yellow (52%)
-  Blue (72%)



-  Cyan (57%)
-  Magenta (0%)
-  Yellow (3%)
-  Black (28%)



-  Cyan (69%)
-  Magenta (28%)
-  Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FB7B2 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 4FB7B2 by changing the saturation by 10% instead.



 4FB7B2

 4FB7B2

FFFFFF

 2E9C97

 8AEFEA

 00817D

 A7FFFF

 006865

 C4FFFF

 004F4D

 E1FFFF

 003836

 002321

 00000A

 000000

 4FB7B2

 4FB7B2

 3DB7B1

 61B7B3

 2AB7B0

 74B7B4

 18B7AF

 86B7B5

 06B7AE

 98B7B6

 00B7AE

 ABB7B6

 BDB7B7

 CFB7B8

 E1B7B9

 F4B7BA

# Harmonies

## Analogous

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



6EB694



4FB7B2



48B5CD

# Triad

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



4FB7B2



BA9CD2



CA9F71

# Complementary

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



4FB7B2



B74F54

# 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.



DC9682



4FB7B2



D594BA

# Square

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



4FB7B2



92A6DF



E0929D



B0A96F

# Rectangle

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



4FB7B2



59B1D9



E0929D



D19C75



# Sweetspot

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



4FB7B2



C5EDEB



54B74F



607877



F7F7F7



787878



# Same Dimension

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



4FB7B2



4CEDE5



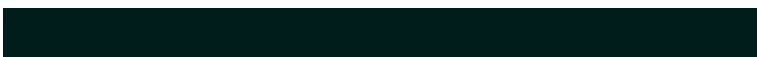
4F88B7



535C5B



009C94



001C1B



# Inverse Universe

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



B74F54



ED4C54



B77E4F



5C5353



9C0007

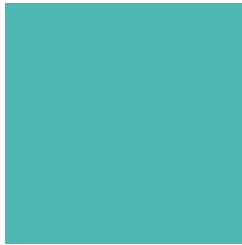


1C0001



# Previews

## White Background



This preview shows how the Hex color 4FB7B2 looks on a white background.

## Color Contrast Check

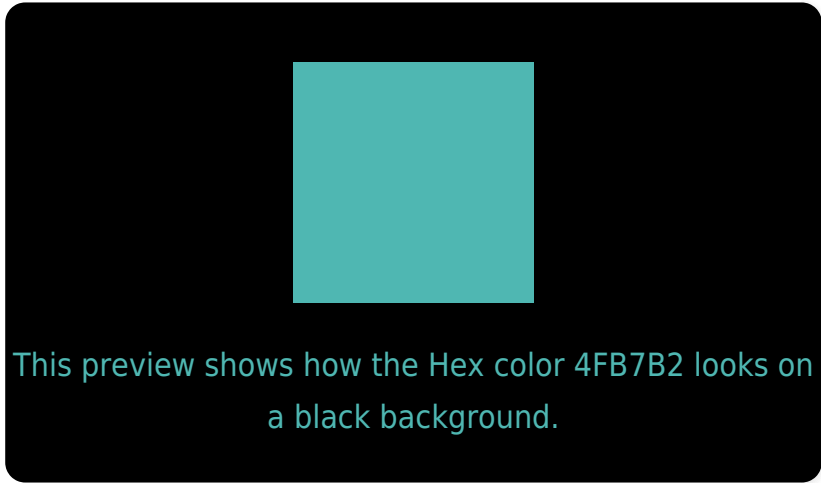
Large Text (above 18pt) WCAG AA × Fail

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

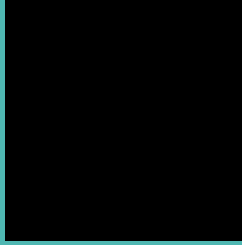
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4FB7B2 Background



This preview shows how black text looks on a background with the Hex color 4FB7B2.

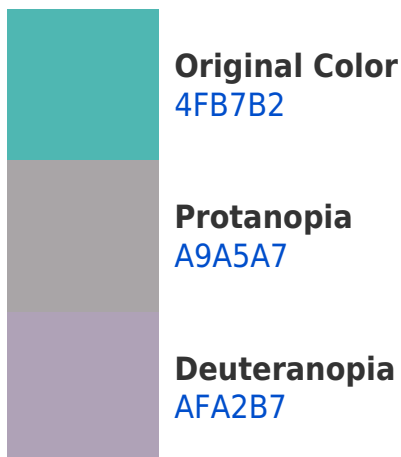


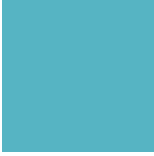
This preview shows how white text looks on a background with the Hex color 4FB7B2.

# 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](#).

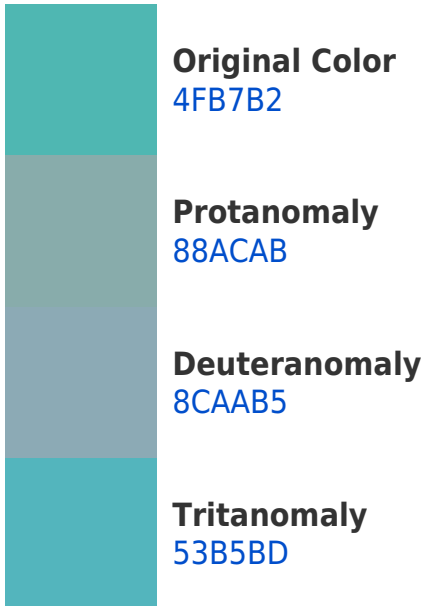
## Dichromacy



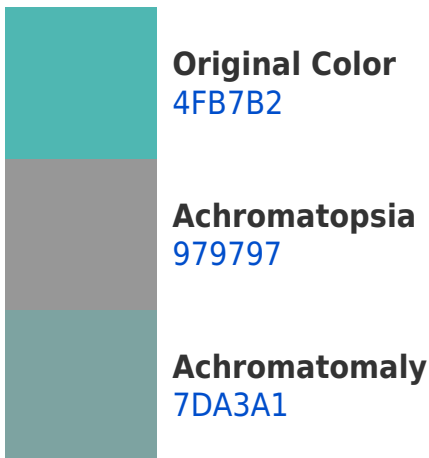


**Tritanopia**  
56B4C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FB7B2 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 #4FB7B2 looks like.

```
.text, #text, p{  
    color:#4FB7B2  
}
```

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 #4FB7B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FB7B2
}
```

## Border

The CSS property to change the border of an element to Hex 4FB7B2 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
#4FB7B2 }
```

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

```
.border{ border-color:#4FB7B2 }
```

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

Here you see how a box with a 4 pixel #4FB7B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FB7B2; -webkit-box-shadow:4px 4px  
4px 4px #4FB7B2; box-shadow:4px 4px 4px  
4px #4FB7B2 }
```

# Background

The CSS property to change the background color of an element to Hex 4FB7B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FB7B2 }
```

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

```
.background{ background-color:#4FB7B2 }
```

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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