

# Converting Colors

Hex(4FCBB6)

Have a look what the booklet for  
Hex(4FCBB6) contains.

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**Color**

**Hex(4FCBB6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FCBB6
RGB	79, 203, 182
RGB Percent	31%, 80%, 71%
CMY	0.6902, 0.2039, 0.2863
CMYK	0.61, 0.00, 0.10, 0.20
HSL	170°, 54%, 55%
HSV	170°, 61%, 80%
XYZ	33.0239, 47.7515, 51.7324
YIQ	163.5300, -67.1630, -32.8190

# Conversions

## Conversions Part 2

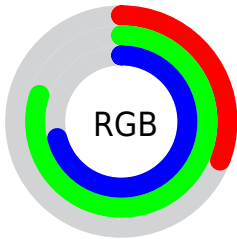
Format	Color
<a href="#">RYB</a>	<a href="#">79, 147, 203</a>
Decimal	<a href="#">5229494</a>
CIELab	<a href="#">74.67, -39.30, 0.26</a>
CIElCh	<a href="#">75, 39.305, 179.618</a>
Yxy	<a href="#">47.7515, 0.2492, 0.3604</a>
Android (android.graphics.Color)	<a href="#">4283419574 (0xFF4FCBB6)</a>
YUV	<a href="#">163.5300, 9.1057, -74.1328</a>
Hunter-Lab	<a href="#">69.1025, -35.6247, 3.9853</a>

# Details

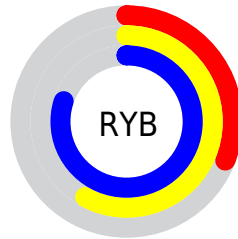
The Hex color **4FCBB6** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **CB4F64**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **8CFFEE**, and **009481** is the 20% darker color. If you saturate the color by 10%, you get **3BCBB3**, and if you desaturate by 10%, it is **63CBB9**.

# Distribution



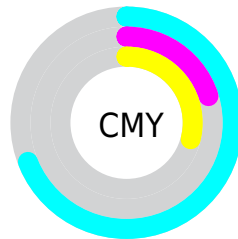
- Red (31%)
- Green (80%)
- Blue (71%)



- Red (31%)
- Yellow (58%)
- Blue (80%)



- Cyan (61%)
- Magenta (0%)
- Yellow (10%)
- Black (20%)



- Cyan (69%)
- Magenta (20%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FCBB6 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 4FCBB6 by changing the saturation by 10% instead.





4FCBB6



4FCBB6

FFFFFF



2BAF9B



8CFEED



009481



AAFFFF



007A68



C7FFFF



006050



E5FFFF



004839



003024



00190F



000000



4FCBB6



4FCBB6

 3BCBB3

 63CBB9

 26CBAF

 78CBB0

 12CBAC

 8CCBC0

 00CBA9

 A0CBC4

 B5CBC7

 C9CBCB

 DDCBCE

 F1CBD2

 FFCBD5

# Harmonies

## Analogous

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



7FC892



4FCBB6



21CADA

# Triad

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



4FCBB6



BBAFF7



EDA97A

# Complementary

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



4FCBB6



CB4F64

# 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.



FD9F96



4FCBB6



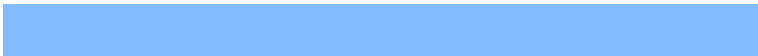
E5A2DD

# Square

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



4FCBB6



83BBFF



FB9CBA



D0B56F

# Rectangle

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



4FCBB6



30C7EE



FB9CBA



F4A582

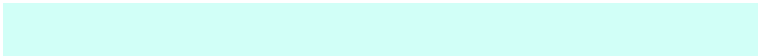


# Sweetspot

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



4FCBB6



D1FFF7



66CB4F



63807B



000000



808080



# Same Dimension

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



4FCBB6



45FFDF



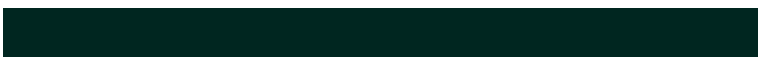
4FA4CB



5C6664



00A68A



002620



# Inverse Universe

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



CB4F64



FF4564



CB764F



665C5E



A6001C

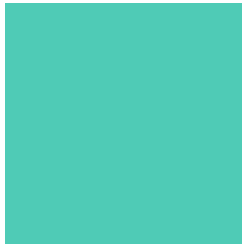


260006



# Previews

## White Background



This preview shows how the Hex color 4FCBB6 looks on a white background.

## Color Contrast Check

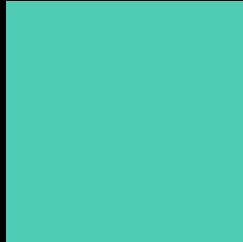
Large Text (above 18pt) WCAG AA × Fail

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 4FCBB6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

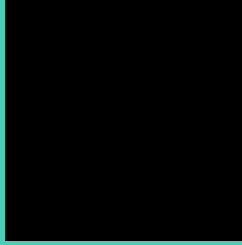
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

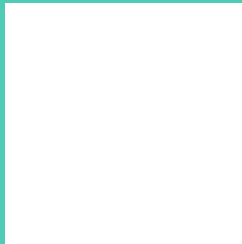
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4FCBB6 Background



This preview shows how black text looks on a background with the Hex color 4FCBB6.



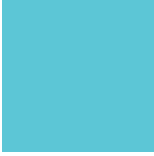
This preview shows how white text looks on a background with the Hex color 4FCBB6.

# 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](#).

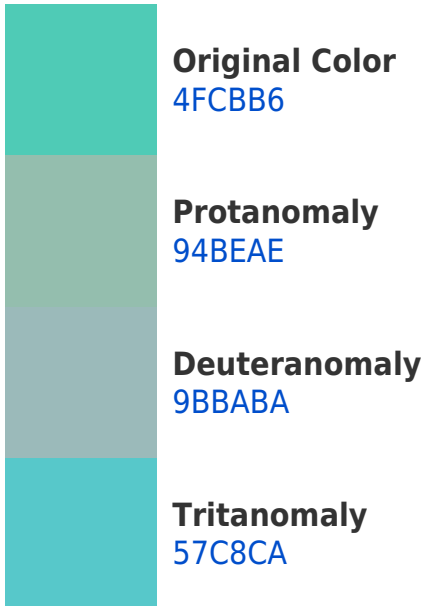
## Dichromacy



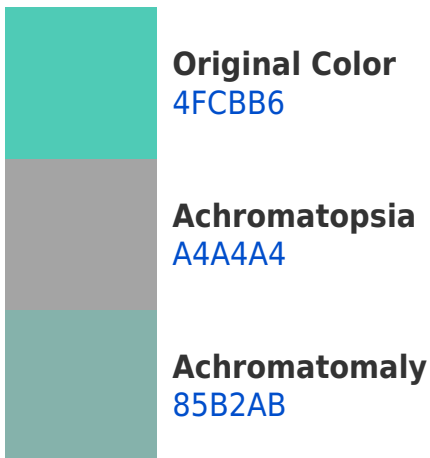


**Tritanopia**  
5CC6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FCBB6 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 #4FCBB6 looks like.

```
.text, #text, p{  
    color:#4FCBB6  
}
```

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 #4FCBB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FCBB6  
}
```

## Border

The CSS property to change the border of an element to Hex 4FCBB6 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  
#4FCBB6 }
```

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

```
.border{ border-color:#4FCBB6 }
```

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

Here you see how a box with a 4 pixel #4FCBB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FCBB6; -webkit-box-shadow:4px 4px  
4px 4px #4FCBB6; box-shadow:4px 4px 4px  
4px #4FCBB6 }
```

# Background

The CSS property to change the background color of an element to Hex 4FCBB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FCBB6 }
```

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

```
.background{ background-color:#4FCBB6 }
```

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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