

# Converting Colors

Hex(4FCBA2)

Have a look what the booklet for  
Hex(4FCBA2) contains.

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# Color

Hex(4FCBA2)

# Conversions

## Conversions Part 1

Format	Color
Hex	4FCBA2
RGB	79, 203, 162
RGB Percent	31%, 80%, 64%
CMY	0.6902, 0.2039, 0.3647
CMYK	0.61, 0.00, 0.20, 0.20
HSL	160°, 54%, 55%
HSV	160°, 61%, 80%
XYZ	31.1020, 46.9828, 41.6118
YIQ	161.2500, -60.7430, -39.0390

# Conversions

## Conversions Part 2

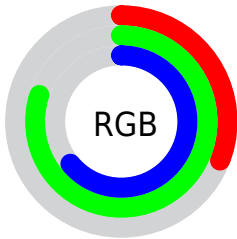
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 153, 203
Decimal	5229474
CIELab	74.18, -44.15, 10.34
CIELCh	74, 45.346, 166.816
Yxy	46.9828, 0.2598, 0.3925
Android (android.graphics.Color)	4283419554 (0xFF4FCBA2)
YUV	161.2500, 0.3698, -72.1332
Hunter-Lab	68.5440, -38.9572, 11.9869

# Details

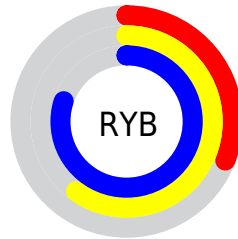
The Hex color **4FCBA2** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **CB4F78**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **8BFFD9**, and **00946E** is the 20% darker color. If you saturate the color by 10%, you get **3BCB9B**, and if you desaturate by 10%, it is **63CBA9**.

# Distribution



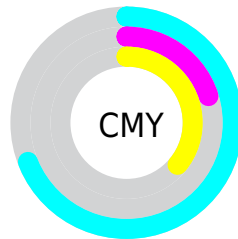
- Red (31%)
- Green (80%)
- Blue (64%)



- Red (31%)
- Yellow (60%)
- Blue (80%)



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



- Cyan (69%)
- Magenta (20%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FCBA2 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 4FCBA2 by changing the saturation by 10% instead.





4FCBA2



4FCBA2

FFFFFF



2CAF88



8BFFD9



00946E



A9FFF5



007A56



C6FFFF



00603F



E4FFFF



004729



003014



001700



000000



4FCBA2



4FCBA2

 3BCB9B

 63CBA9

 26CB95

 78CBAF

 12CB8E

 8CCBB6

 00CB88

 A0CBBD

 B5CBC4

 C9CBCA

 DDCBD1

 F1CBD8

 FFCBDE

# Harmonies

## Analogous

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



8AC57C



4FCBA2



00CCCD

# Triad

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



4FCBA2



9EB2FF



FC9F7B

# Complementary

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



4FCBA2



CB4F78

# 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.



FF96A0



4FCBA2



D8A3F0

# Square

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



4FCBA2



4CC0FF



FB97CB



E1AE65

# Rectangle

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



4FCBA2



00CAE7



FB97CB



FF9B87

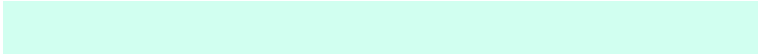


# Sweetspot

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



4FCBA2



D1FFF0



78CB4F



638076



000000



808080



# Same Dimension

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



4FCBA2



45FFC1



4FB6CB



5C6663



00A66F



00261A



# Inverse Universe

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



CB4F78



FF4582



CB644F



665C5F



A60037

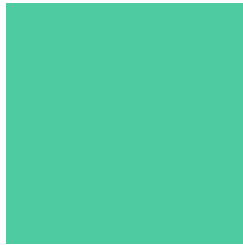


26000D



# Previews

## White Background



This preview shows how the Hex color 4FCBA2 looks on a white background.

## Color Contrast Check

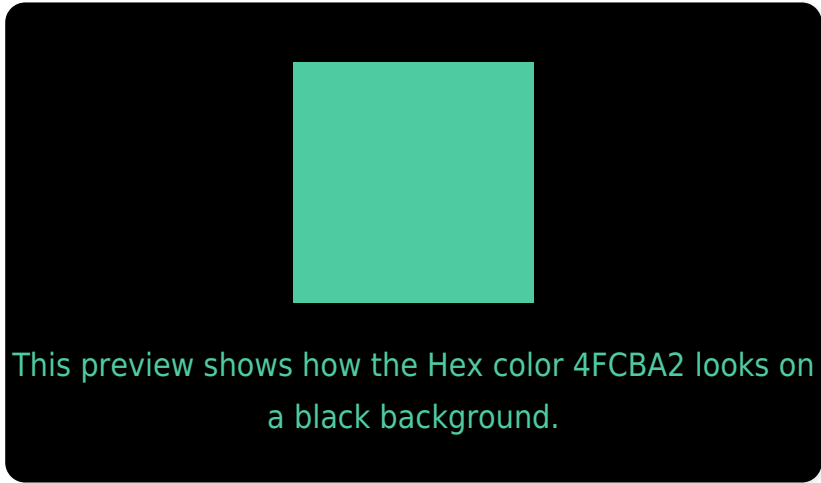
Large Text (above 18pt) WCAG AA × Fail

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

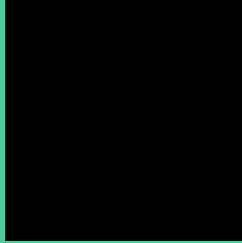
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

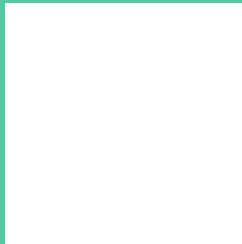
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4FCBA2 Background



This preview shows how black text looks on a background with the Hex color 4FCBA2.

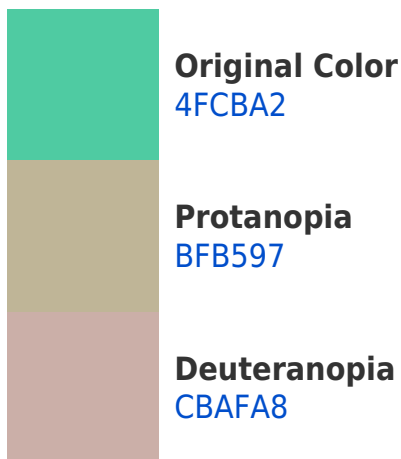


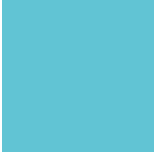
This preview shows how white text looks on a background with the Hex color 4FCBA2.

# 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**  
61C4D4

# Trichromacy



**Original Color**  
4FCBA2



**Protanomaly**  
96BD9B



**Deuteranomaly**  
9EB9A6



**Tritanomaly**  
5AC7C2

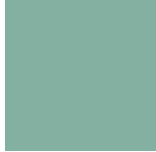
# Monochromacy



**Original Color**  
4FCBA2



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
83B0A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FCBA2 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 #4FCBA2 looks like.

```
.text, #text, p{  
    color:#4FCBA2  
}
```

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 #4FCBA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FCBA2
}
```

## Border

The CSS property to change the border of an element to Hex 4FCBA2 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
#4FCBA2 }
```

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

```
.border{ border-color:#4FCBA2 }
```

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

Here you see how a box with a 4 pixel #4FCBA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FCBA2; -webkit-box-shadow:4px 4px  
4px 4px #4FCBA2; box-shadow:4px 4px 4px  
4px #4FCBA2 }
```

# Background

The CSS property to change the background color of an element to Hex 4FCBA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FCBA2 }
```

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

```
.background{ background-color:#4FCBA2 }
```

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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