

# Converting Colors

Hex(4FC296)

Have a look what the booklet for  
Hex(4FC296) contains.

<b>Hex(4FC296)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(4FC296)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FC296
RGB	79, 194, 150
RGB Percent	31%, 76%, 59%
CMY	0.6902, 0.2392, 0.4118
CMYK	0.59, 0.00, 0.23, 0.24
HSL	157°, 49%, 54%
HSV	157°, 59%, 76%
XYZ	28.0213, 42.4478, 35.5705
YIQ	154.5990, -54.4160, -38.0640

# Conversions

## Conversions Part 2

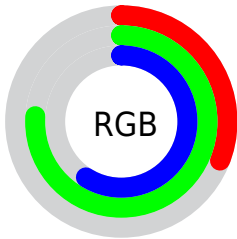
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">79, 150, 194</a>
Decimal	<a href="#">5227158</a>
CIELab	<a href="#">71.18, -42.99, 12.56</a>
CIELCh	<a href="#">71, 44.791, 163.710</a>
Yxy	<a href="#">42.4478, 0.2643, 0.4003</a>
Android (android.graphics.Color)	<a href="#">4283417238 (0xFF4FC296)</a>
YUV	<a href="#">154.5990, -2.2673, -66.3003</a>
Hunter-Lab	<a href="#">65.1520, -37.2449, 13.2363</a>

# Details

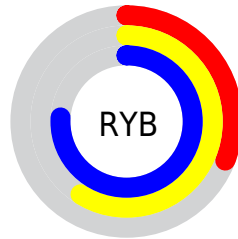
The Hex color **4FC296** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C24F7B**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **8AFBCC**, and **008B63** is the 20% darker color. If you saturate the color by 10%, you get **3CC28F**, and if you desaturate by 10%, it is **62C29D**.

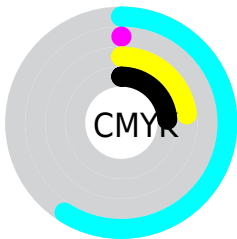
# Distribution



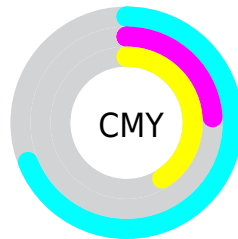
- Red (31%)
- Green (76%)
- Blue (59%)



- Red (31%)
- Yellow (59%)
- Blue (76%)



- Cyan (59%)
- Magenta (0%)
- Yellow (23%)
- Black (24%)



- Cyan (69%)
- Magenta (24%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FC296 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 4FC296 by changing the saturation by 10% instead.





4FC296



4FC296

FFFFFF



2EA67C



8AFBCC



008B63



A7FFE8



00714B



C4FFFF



005834



E2FFFF



00401F



002A08



000800



000000



4FC296



4FC296

 3CC28F

 62C29D

 28C287

 76C2A5

 15C280

 89C2AC

 01C278

 9DC2B4

 00C278

 B0C2BB

 C3C2C3

 D7C2CA

 EAC2D1

 FEC2D9

# Harmonies

## Analogous

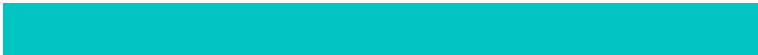
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88BC72



4FC296



00C4C0

# Triad

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



4FC296



8FACFD



F49678

# Complementary

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



4FC296



C24F7B

# 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.



FD8E9D



4FC296



CA9DEA

# Square

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



4FC296



37B9FC



EF90C6



DBA460

# Rectangle

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



4FC296



00C2DA



EF90C6



F99283

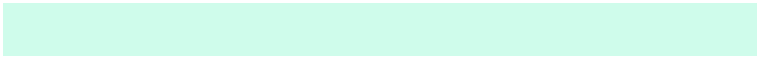


# Sweetspot

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



4FC296



CFFCEB



7BC24F



638075



000000



808080



# Same Dimension

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



4FC296



49FCB8



4FB5C2



57615D



00A163



002114



# Inverse Universe

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



C24F7B



FC498E



C25C4F



61575B



A1003D

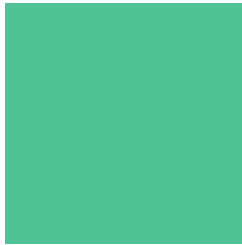


21000D



# Previews

## White Background



This preview shows how the Hex color 4FC296 looks on a white background.

## Color Contrast Check

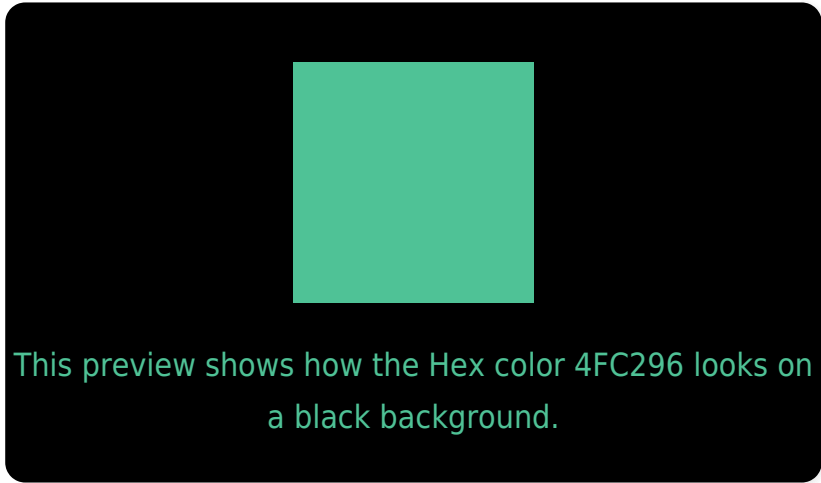
Large Text (above 18pt) WCAG AA × Fail

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

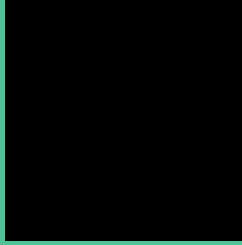
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4FC296 Background



This preview shows how black text looks on a background with the Hex color 4FC296.



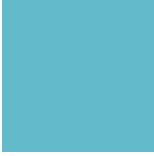
This preview shows how white text looks on a background with the Hex color 4FC296.

# 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](#).

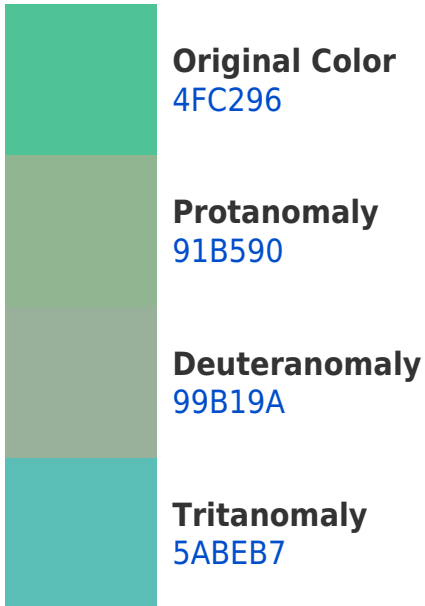
## Dichromacy



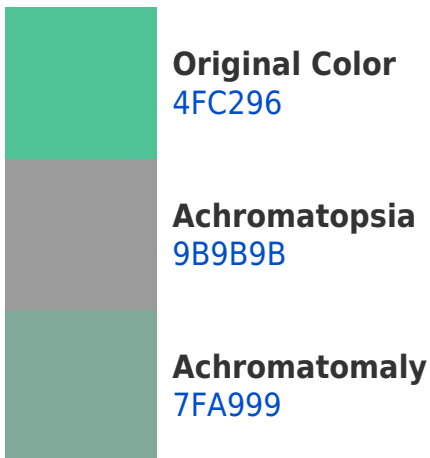


**Tritanopia**  
61BBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FC296 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 #4FC296 looks like.

```
.text, #text, p{  
    color:#4FC296  
}
```

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 #4FC296 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FC296
}
```

## Border

The CSS property to change the border of an element to Hex 4FC296 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
#4FC296 }
```

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

```
.border{ border-color:#4FC296 }
```

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

Here you see how a box with a 4 pixel #4FC296 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FC296; -webkit-box-shadow:4px 4px  
4px 4px #4FC296; box-shadow:4px 4px 4px  
4px #4FC296 }
```

# Background

The CSS property to change the background color of an element to Hex 4FC296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FC296 }
```

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

```
.background{ background-color:#4FC296 }
```

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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