

# Converting Colors

Hex(4FC096)

Have a look what the booklet for  
Hex(4FC096) contains.

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**Color**

**Hex(4FC096)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FC096
RGB	79, 192, 150
RGB Percent	31%, 75%, 59%
CMY	0.6902, 0.2471, 0.4118
CMYK	0.59, 0.00, 0.22, 0.25
HSL	158°, 47%, 53%
HSV	158°, 59%, 75%
XYZ	27.5791, 41.5635, 35.4232
YIQ	153.4250, -53.8660, -37.0180

# Conversions

## Conversions Part 2

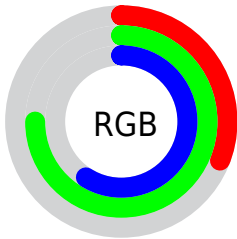
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 148, 192
Decimal	5226646
CIELab	70.57, -42.12, 11.70
CIElCh	71, 43.720, 164.474
Yxy	41.5635, 0.2637, 0.3975
Android (android.graphics.Color)	4283416726 (0xFF4FC096)
YUV	153.4250, -1.6885, -65.2707
Hunter-Lab	64.4698, -36.4628, 12.5518

# Details

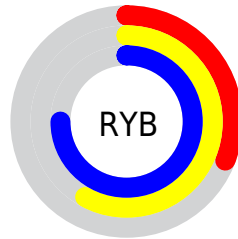
The Hex color **4FC096** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C04F79**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **8AF9CC**, and **008A63** is the 20% darker color. If you saturate the color by 10%, you get **3CC08F**, and if you desaturate by 10%, it is **62C09D**.

# Distribution



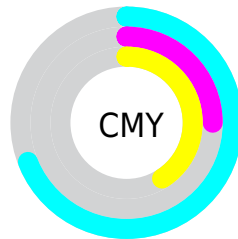
- Red (31%)
- Green (75%)
- Blue (59%)



- Red (31%)
- Yellow (58%)
- Blue (75%)



- Cyan (59%)
- Magenta (0%)
- Yellow (22%)
- Black (25%)



- Cyan (69%)
- Magenta (25%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FC096 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 4FC096 by changing the saturation by 10% instead.





4FC096



4FC096

FFFFFF



2EA47C



8AF9CC



008A63



A6FFE8



00704B



C4FFFF



005634



E1FFFF



003E1F



002908



000400



000000



4FC096



4FC096

 3CC08F

 62C09D

 29C088

 75C0A4

 15C081

 89C0AB

 02C079

 9CC0B3

 00C079

 AFC0BA

 C2C0C1

 D5C0C8

 E9C0CF

 FCC0D6

# Harmonies

## Analogous

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



86BA72



4FC096



00C1BF

# Triad

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



4FC096



90AAF9



F19577

# Complementary

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



4FC096



C04F79

# 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.



F98D9B



4FC096



C99BE6

# Square

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



4FC096



3EB7F9



EC8FC3



D7A360

# Rectangle

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



4FC096



00C0D8



EC8FC3



F69282

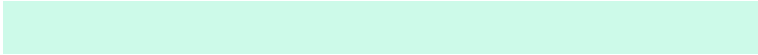


# Sweetspot

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



4FC096



CDFAE9



7AC04F



617D73



FCFCFC



7D7D7D



# Same Dimension

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



4FC096



48FAB8



4FB3C0



57615D



00A165



002115



# Inverse Universe

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



C04F79



FA488A



C05C4F



61575B



A1003C



21000C



# Previews

## White Background



This preview shows how the Hex color 4FC096 looks on a white background.

## Color Contrast Check

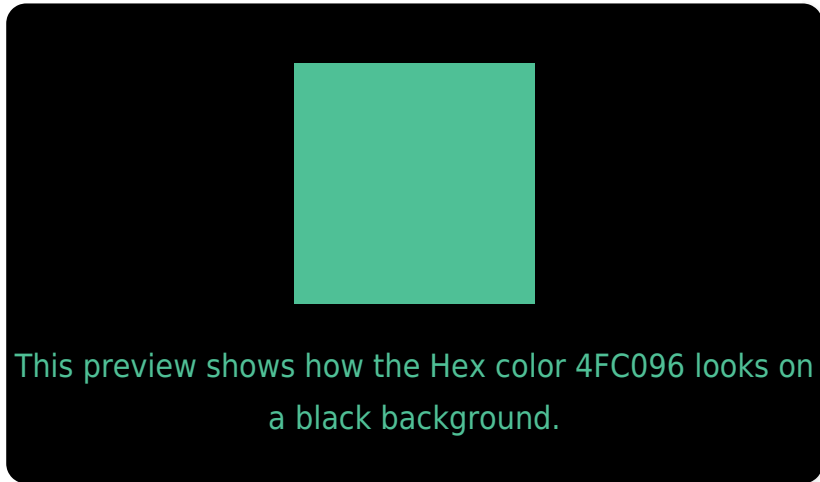
Large Text (above 18pt) WCAG AA × Fail

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

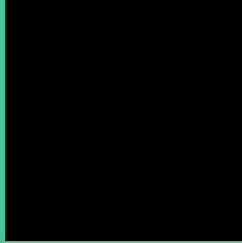
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4FC096 Background



This preview shows how black text looks on a background with the Hex color 4FC096.



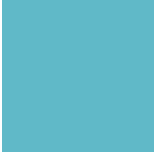
This preview shows how white text looks on a background with the Hex color 4FC096.

# 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](#).

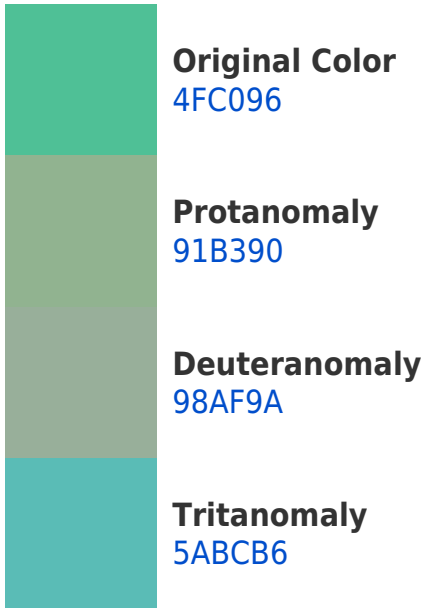
## Dichromacy



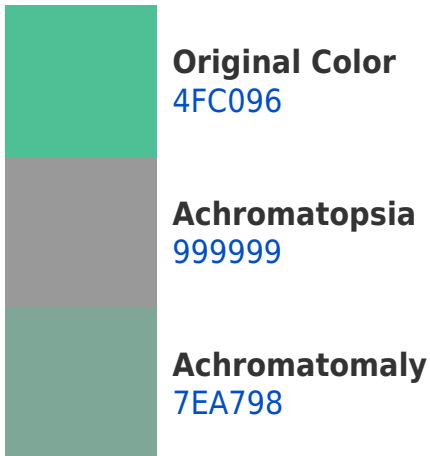


**Tritanopia**  
60B9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FC096 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 #4FC096 looks like.

```
.text, #text, p{  
    color:#4FC096  
}
```

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 #4FC096 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FC096
}
```

## Border

The CSS property to change the border of an element to Hex 4FC096 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
#4FC096 }
```

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

```
.border{ border-color:#4FC096 }
```

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

Here you see how a box with a 4 pixel #4FC096 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FC096; -webkit-box-shadow:4px 4px  
4px 4px #4FC096; box-shadow:4px 4px 4px  
4px #4FC096 }
```

# Background

The CSS property to change the background color of an element to Hex 4FC096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FC096 }
```

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

```
.background{ background-color:#4FC096 }
```

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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