

# Converting Colors

Hex(4DC097)

Have a look what the booklet for  
Hex(4DC097) contains.

<b>Hex(4DC097)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(4DC097)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DC097
RGB	77, 192, 151
RGB Percent	30%, 75%, 59%
CMY	0.6980, 0.2471, 0.4078
CMYK	0.60, 0.00, 0.21, 0.25
HSL	159°, 48%, 53%
HSV	159°, 60%, 75%
XYZ	27.4961, 41.5114, 35.8415
YIQ	152.9410, -55.3790, -37.1310

# Conversions

## Conversions Part 2

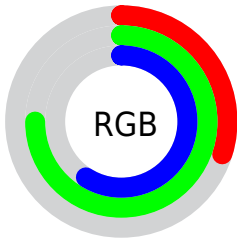
Format	Color
<a href="#">RYB</a>	<a href="#">77, 147, 192</a>
Decimal	<a href="#">5095575</a>
CIELab	<a href="#">70.53, -42.30, 11.10</a>
CIElCh	<a href="#">71, 43.734, 165.295</a>
Yxy	<a href="#">41.5114, 0.2622, 0.3959</a>
Android (android.graphics.Color)	<a href="#">4283285655</a> ( <a href="#">0xFF4DC097</a> )
YUV	<a href="#">152.9410, -0.9569, -66.6003</a>
Hunter-Lab	<a href="#">64.4294, -36.5740, 12.1181</a>

# Details

The Hex color **4DC097** 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 **C04D76**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **88F9CD**, and **008A64** is the 20% darker color. If you saturate the color by 10%, you get **3AC090**, and if you desaturate by 10%, it is **60C09E**.

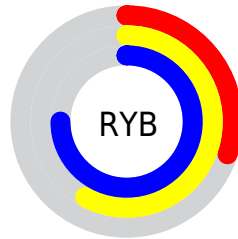
# Distribution



Red (30%)

Green (75%)

Blue (59%)



Red (30%)

Yellow (58%)

Blue (75%)

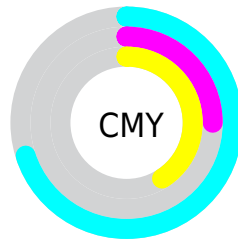


Cyan (60%)

Magenta (0%)

Yellow (21%)

Black (25%)



Cyan (70%)

Magenta (25%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4DC097 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 4DC097 by changing the saturation by 10% instead.





4DC097



4DC097

FFFFFF



2CA47D



88F9CD



008A64



A5FFE9



00704C



C2FFFF



005635



E0FFFF



003E20

FEFFFF



002909



000400



000000



4DC097



4DC097

 3AC090

 60C09E

 27C089

 73C0A5

 13C082

 87C0AC

 00C07C

 9AC0B2

 ADC0B9

 C0C0C0

 D3C0C7

 E7C0CE

 FAC0D5

# Harmonies

## Analogous

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



85BA73



4DC097



00C1C0

# Triad

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



4DC097



92AAF9



F09676

# Complementary

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



4DC097



C04D76

# 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.



F98D9A



4DC097



CA9BE5

# Square

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



4DC097



41B6F9



ED8FC2



D6A35F

# Rectangle

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



4DC097



00C0D9



ED8FC2



F59281

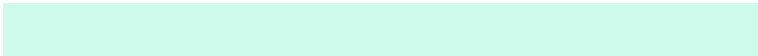


# Sweetspot

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



4DC097



CDFAEA



77C04D



617D73



FCFCFC



7D7D7D



# Same Dimension

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



4DC097



46FABA



4DB1C0



57615D



00A167



002115



# Inverse Universe

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



C04D76



FA4686



C05C4D



61575B



A10039

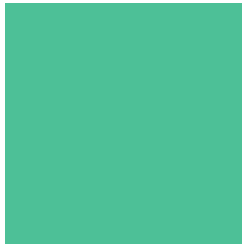


21000C



# Previews

## White Background



This preview shows how the Hex color 4DC097 looks on a white background.

## Color Contrast Check

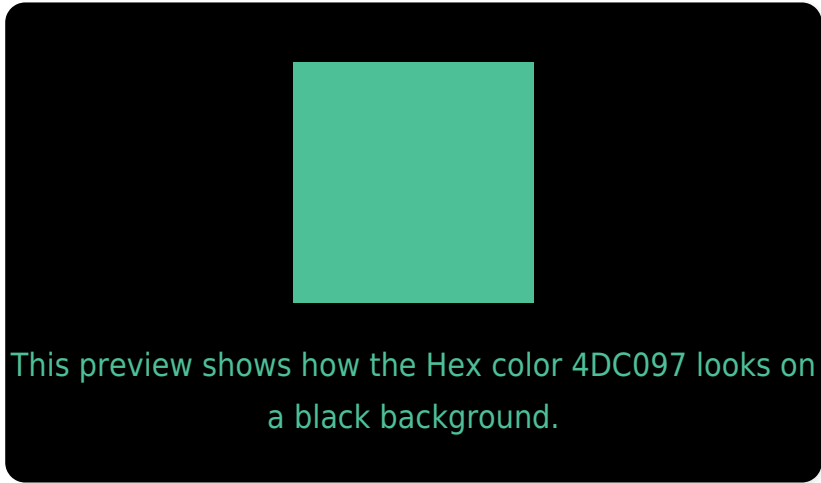
Large Text (above 18pt) WCAG AA × Fail

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

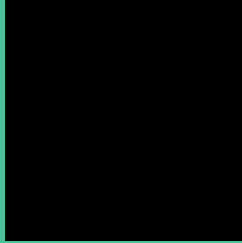
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4DC097 Background



This preview shows how black text looks on a background with the Hex color 4DC097.

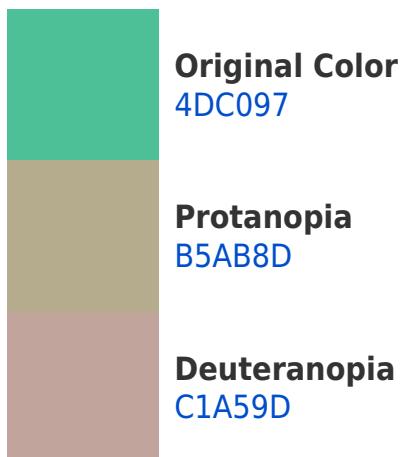


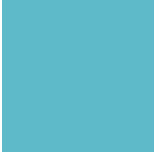
This preview shows how white text looks on a background with the Hex color 4DC097.

# 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](#).

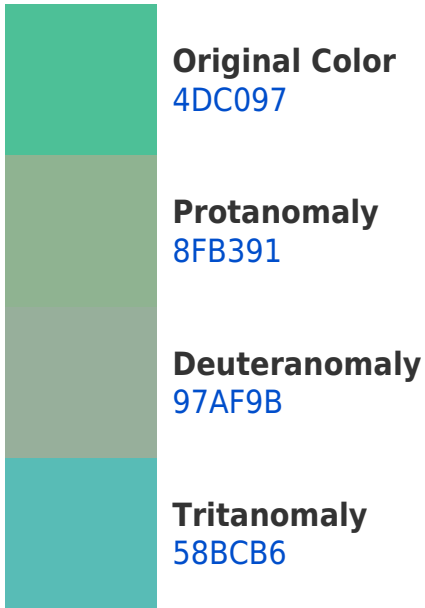
## Dichromacy



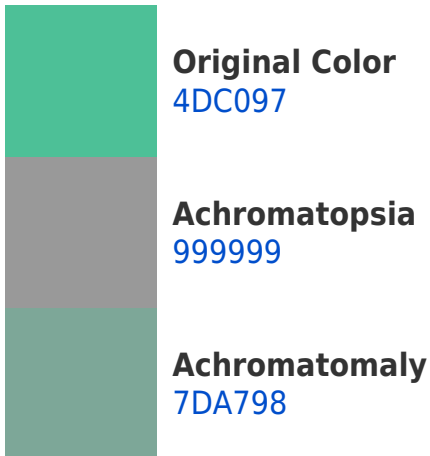


**Tritanopia**  
5EB9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4DC097 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 #4DC097 looks like.

```
.text, #text, p{  
    color:#4DC097  
}
```

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 #4DC097 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DC097  
}
```

## Border

The CSS property to change the border of an element to Hex 4DC097 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  
#4DC097 }
```

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

```
.border{ border-color:#4DC097 }
```

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

Here you see how a box with a 4 pixel #4DC097 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DC097; -webkit-box-shadow:4px 4px  
4px 4px #4DC097; box-shadow:4px 4px 4px  
4px #4DC097 }
```

# Background

The CSS property to change the background color of an element to Hex 4DC097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DC097 }
```

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

```
.background{ background-color:#4DC097 }
```

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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