

# Converting Colors

Hex(4DBD97)

Have a look what the booklet for  
Hex(4DBD97) contains.

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# Color

**Hex(4DBD97)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DBD97
RGB	77, 189, 151
RGB Percent	30%, 74%, 59%
CMY	0.6980, 0.2588, 0.4078
CMYK	0.59, 0.00, 0.20, 0.26
HSL	160°, 46%, 52%
HSV	160°, 59%, 74%
XYZ	26.8441, 40.2073, 35.6241
YIQ	151.1800, -54.5540, -35.5620

# Conversions

## Conversions Part 2

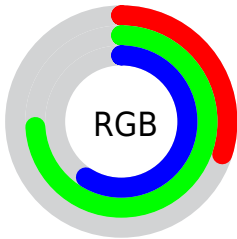
Format	Color
<a href="#">RYB</a>	<a href="#">77, 144, 189</a>
Decimal	<a href="#">5094807</a>
CIELab	<a href="#">69.62, -40.99, 9.80</a>
CIELCh	<a href="#">70, 42.144, 166.551</a>
Yxy	<a href="#">40.2073, 0.2614, 0.3916</a>
Android (android.graphics.Color)	<a href="#">4283284887 (0xFF4DBD97)</a>
YUV	<a href="#">151.1800, -0.0887, -65.0559</a>
Hunter-Lab	<a href="#">63.4093, -35.3989, 11.0766</a>

# Details

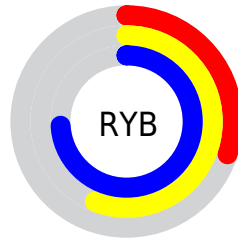
The Hex color **4DBD97** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BD4D73**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **88F6CD**, and **008764** is the 20% darker color. If you saturate the color by 10%, you get **3ABD91**, and if you desaturate by 10%, it is **60BD9D**.

# Distribution



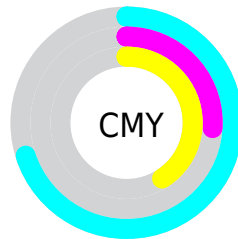
- Red (30%)
- Green (74%)
- Blue (59%)



- Red (30%)
- Yellow (56%)
- Blue (74%)



- Cyan (59%)
- Magenta (0%)
- Yellow (20%)
- Black (26%)



- Cyan (70%)
- Magenta (26%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4DBD97 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 4DBD97 by changing the saturation by 10% instead.



 4DBD97

 4DBD97

FFFFFF

 2CA27D

 88F6CD

 008764

 A4FFE9

 006D4C

 C2FFFF

 005435

 DFFFFFF

 003C20

 FFFFFFF

 002709

 000000

 4DBD97

 4DBD97

 3ABD91

 60BD9D

 27BD8A

 73BDA4

 14BD84

 86BDAA

 01BD7D

 99BDB1

 00BD7D

 ABBDB7

 BEBDBD

 D1BDC4

 E4BDCA

 F7BDD1

# Harmonies

## Analogous

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



82B874



4DBD97



00BEBF

# Triad

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



4DBD97



94A7F3



EB9574

# Complementary

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



4DBD97



BD4D73

# 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.



F48C96



4DBD97



C998DF

# Square

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



4DBD97



4AB3F4



E98DBD



D1A25F

# Rectangle

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



4DBD97



00BDD6



E98DBD



F0917E



# Sweetspot

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



4DBD97



C9F5E6



74BD4D



5F7A71



FAFAFA



7A7A7A



# Same Dimension

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



4DBD97



47F5BA



4DACBD



555E5B



009E68



001F14



# Inverse Universe

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



BD4D73



F54782



BD5E4D



5E5558



9E0036

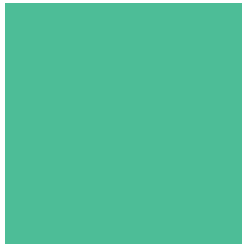


1F000A



# Previews

## White Background



This preview shows how the Hex color 4DBD97 looks on a white background.

## Color Contrast Check

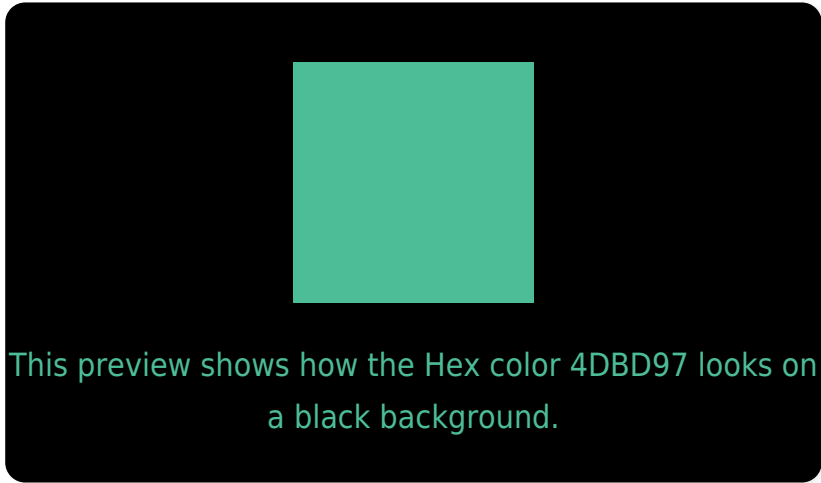
Large Text (above 18pt) WCAG AA × Fail

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

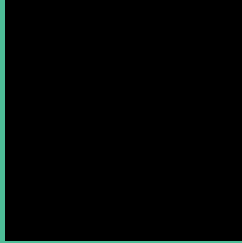
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4DBD97 Background



This preview shows how black text looks on a background with the Hex color 4DBD97.

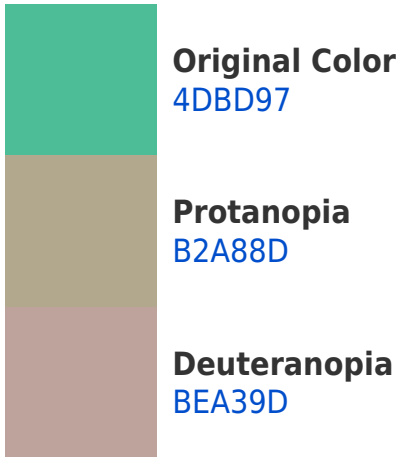


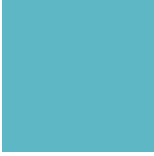
This preview shows how white text looks on a background with the Hex color 4DBD97.

# 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](#).

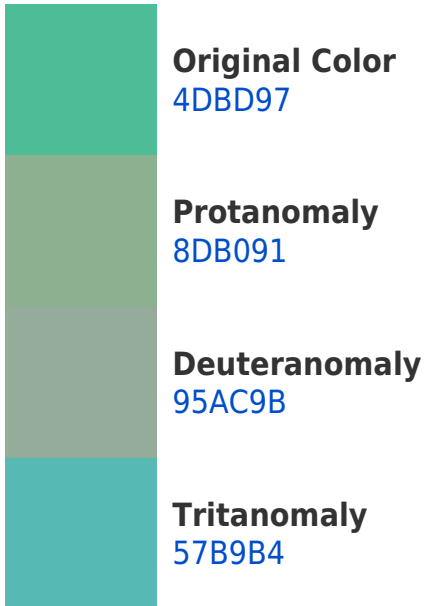
## Dichromacy



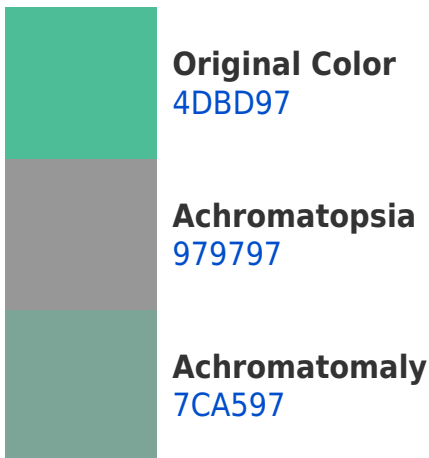


**Tritanopia**  
5DB7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4DBD97 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 #4DBD97 looks like.

```
.text, #text, p{  
    color:#4DBD97  
}
```

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 #4DBD97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DBD97
}
```

## Border

The CSS property to change the border of an element to Hex 4DBD97 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
#4DBD97 }
```

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

```
.border{ border-color:#4DBD97 }
```

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

Here you see how a box with a 4 pixel #4DBD97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DBD97; -webkit-box-shadow:4px 4px  
4px 4px #4DBD97; box-shadow:4px 4px 4px  
4px #4DBD97 }
```

# Background

The CSS property to change the background color of an element to Hex 4DBD97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DBD97 }
```

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

```
.background{ background-color:#4DBD97 }
```

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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