

# Converting Colors

Hex(4DBF99)

Have a look what the booklet for  
Hex(4DBF99) contains.

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# **Color**

**Hex(4DBF99)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DBF99
RGB	77, 191, 153
RGB Percent	30%, 75%, 60%
CMY	0.6980, 0.2510, 0.4000
CMYK	0.60, 0.00, 0.20, 0.25
HSL	160°, 47%, 53%
HSV	160°, 60%, 75%
XYZ	27.4411, 41.1393, 36.6314
YIQ	152.5820, -55.7460, -35.9860

# Conversions

## Conversions Part 2

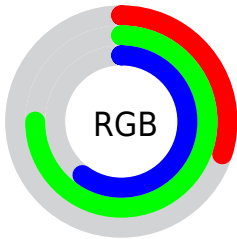
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 145, 191
Decimal	5095321
CIELab	70.27, -41.40, 9.65
CIELCh	70, 42.513, 166.884
Yxy	41.1393, 0.2608, 0.3910
Android (android.graphics.Color)	4283285401 (0xFF4DBF99)
YUV	152.5820, 0.2061, -66.2854
Hunter-Lab	64.1399, -35.8768, 11.0364

# Details

The Hex color **4DBF99** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BF4D73**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **88F8CF**, and **008966** is the 20% darker color. If you saturate the color by 10%, you get **3ABF93**, and if you desaturate by 10%, it is **60BF9F**.

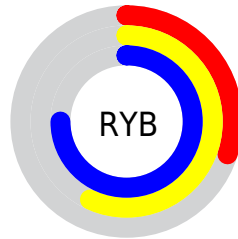
# Distribution



Red (30%)

Green (75%)

Blue (60%)



Red (30%)

Yellow (57%)

Blue (75%)

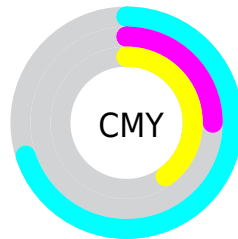


Cyan (60%)

Magenta (0%)

Yellow (20%)

Black (25%)



Cyan (70%)

Magenta (25%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4DBF99 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 4DBF99 by changing the saturation by 10% instead.





4DBF99



4DBF99

FFFFFF



2CA37F



88F8CF



008966



A5FFEC



006F4E



C2FFFF



005537



E0FFFF



003D22

FEFFFF



00280C



000200



000000



4DBF99



4DBF99

 3ABF93

 60BF9F

 27BF8C

 73BFA6

 14BF86

 86BFAC

 01BF80

 99BFB2

 00BF7F

 ACBFB9

 C0BFBF

 D3BFC6

 E6BFCC

 F9BFD2

# Harmonies

## Analogous

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



83BA75



4DBF99



00C0C1

# Triad

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



4DBF99



96A8F6



ED9675

# Complementary

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



4DBF99



BF4D73

# 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.



F68E97



4DBF99



CB9AE1

# Square

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



4DBF99



4CB5F6



EC8FBE



D3A460

# Rectangle

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



4DBF99



00BED9



EC8FBE



F2937F

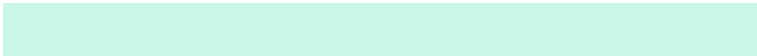


# Sweetspot

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



4DBF99



CBF7E9



73BF4D



617D74



FCFCFC



7D7D7D



# Same Dimension

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



4DBF99



45F7BC



4DACBF



555E5B



009E69



001F14



# Inverse Universe

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



BF4D73



F74581



BF604D



5E5558



9E0035

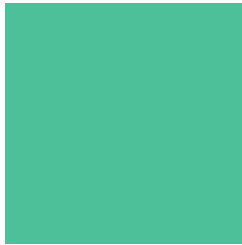


1F000A



# Previews

## White Background



This preview shows how the Hex color 4DBF99 looks on a white background.

## Color Contrast Check

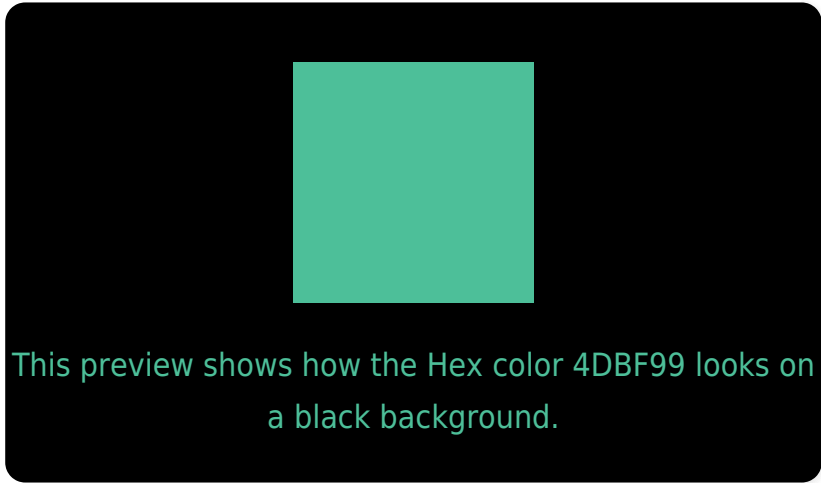
Large Text (above 18pt) WCAG AA × Fail

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 4DBF99 Background



This preview shows how black text looks on a background with the Hex color 4DBF99.

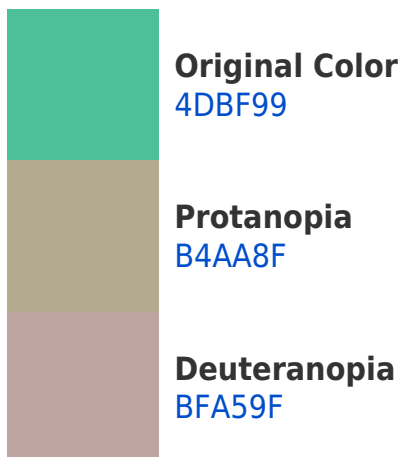


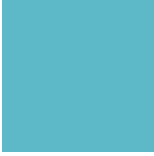
This preview shows how white text looks on a background with the Hex color 4DBF99.

# 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**  
5DB9C8

# Trichromacy



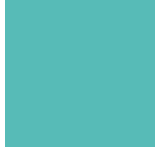
**Original Color**  
4DBF99



**Protanomaly**  
8FB293



**Deuteranomaly**  
96AE9D



**Tritanomaly**  
57BBB7

# Monochromacy



**Original Color**  
4DBF99



**Achromatopsia**  
999999



**Achromatomaly**  
7DA799

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4DBF99 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 #4DBF99 looks like.

```
.text, #text, p{  
    color:#4DBF99  
}
```

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 #4DBF99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DBF99
}
```

## Border

The CSS property to change the border of an element to Hex 4DBF99 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
#4DBF99 }
```

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

```
.border{ border-color:#4DBF99 }
```

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

Here you see how a box with a 4 pixel #4DBF99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DBF99; -webkit-box-shadow:4px 4px  
4px 4px #4DBF99; box-shadow:4px 4px 4px  
4px #4DBF99 }
```

# Background

The CSS property to change the background color of an element to Hex 4DBF99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DBF99 }
```

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

```
.background{ background-color:#4DBF99 }
```

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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