

# Converting Colors

Hex(4D9C99)

Have a look what the booklet for  
Hex(4D9C99) contains.

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# Color

**Hex(4D9C99)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D9C99
RGB	77, 156, 153
RGB Percent	30%, 61%, 60%
CMY	0.6980, 0.3882, 0.4000
CMYK	0.51, 0.00, 0.02, 0.39
HSL	178°, 34%, 46%
HSV	178°, 51%, 61%
XYZ	20.6988, 27.6546, 34.3839
YIQ	132.0370, -46.1210, -17.6810

# Conversions

## Conversions Part 2

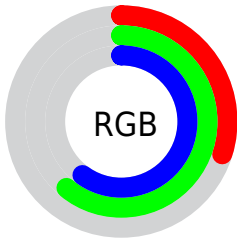
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 117, 156
Decimal	5086361
CIELab	59.58, -24.94, -5.89
CIELCh	60, 25.624, 193.295
Yxy	27.6546, 0.2502, 0.3342
Android (android.graphics.Color)	4283276441 (0xFF4D9C99)
YUV	132.0370, 10.3348, -48.2674
Hunter-Lab	52.5877, -21.7698, -1.9548

# Details

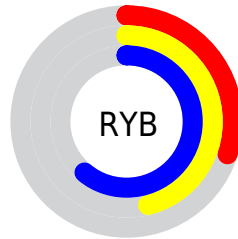
The Hex color **4D9C99** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9C4D50**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **84D3CF**, and **0A6866** is the 20% darker color. If you saturate the color by 10%, you get **3D9C98**, and if you desaturate by 10%, it is **5D9C9A**.

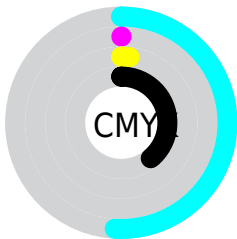
# Distribution



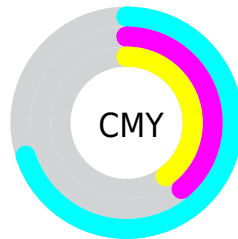
- Red (30%)
- Green (61%)
- Blue (60%)



- Red (30%)
- Yellow (46%)
- Blue (61%)



- Cyan (51%)
- Magenta (0%)
- Yellow (2%)
- Black (39%)



- Cyan (70%)
- Magenta (39%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D9C99 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 4D9C99 by changing the saturation by 10% instead.





4D9C99



4D9C99

FFFFFF



30827F



84D3CF



0A6866



A0EFEB



00504E



BCFFFF



003837



D9FFFF



002322



F7FFFF



00000C



000000



4D9C99



4D9C99



3D9C98



5D9C9A

■ 2E9C98

■ 6C9C9A

■ 1E9C97

■ 7C9C9B

■ 0F9C97

■ 8B9C9B

■ 009C96

■ 9B9C9C

■ AB9C9D

■ BA9C9D

■ CA9C9E

■ D99C9E

# Harmonies

## Analogous

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



629B82



4D9C99



4A9AAE

# Triad

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



4D9C99



9F86B0



AB8A65

# Complementary

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



4D9C99



9C4D50

# 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.



B98372



4D9C99



B4809D

# Square

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



4D9C99



818EBB



BD7F86



959163

# Rectangle

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



4D9C99



5797B7



BD7F86



B08768



# Sweetspot

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



4D9C99



ADCCCB



519C4D



546665



E6E6E6



666666



# Same Dimension

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



4D9C99



50CCC7



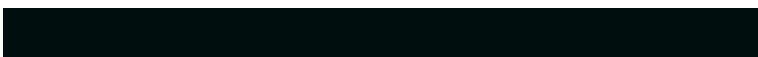
4D789C



474F4F



008F89



000F0F



# Inverse Universe

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



9C4D50



CC5054



9C714D



4F4747



8F0005

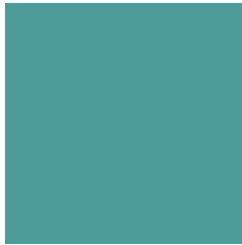


0F0001



# Previews

## White Background



This preview shows how the Hex color 4D9C99 looks on a white background.

## Color Contrast Check

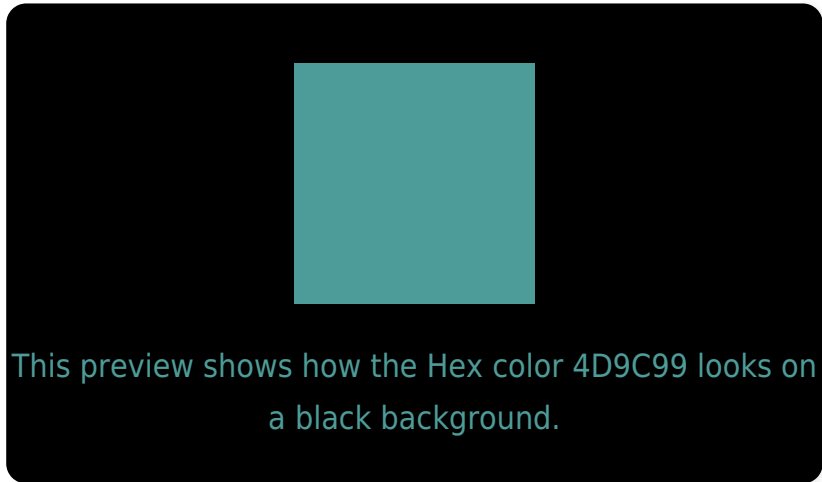
Large Text (above 18pt) WCAG AA ✓ Pass

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

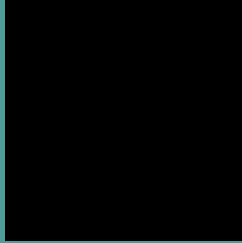
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4D9C99 Background



This preview shows how black text looks on a background with the Hex color 4D9C99.

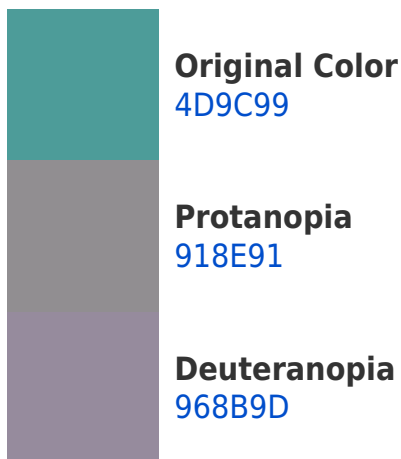


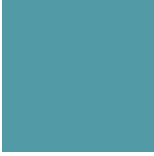
This preview shows how white text looks on a background with the Hex color 4D9C99.

# 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**  
529AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D9C99 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 #4D9C99 looks like.

```
.text, #text, p{  
    color:#4D9C99  
}
```

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 #4D9C99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D9C99
}
```

## Border

The CSS property to change the border of an element to Hex 4D9C99 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
#4D9C99 }
```

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

```
.border{ border-color:#4D9C99 }
```

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

Here you see how a box with a 4 pixel #4D9C99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D9C99; -webkit-box-shadow:4px 4px  
4px 4px #4D9C99; box-shadow:4px 4px 4px  
4px #4D9C99 }
```

# Background

The CSS property to change the background color of an element to Hex 4D9C99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D9C99 }
```

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

```
.background{ background-color:#4D9C99 }
```

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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