

# Converting Colors

Hex(4D909B)

Have a look what the booklet for  
Hex(4D909B) contains.

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# Color

**Hex(4D909B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D909B
RGB	77, 144, 155
RGB Percent	30%, 56%, 61%
CMY	0.6980, 0.4353, 0.3922
CMYK	0.50, 0.07, 0.00, 0.39
HSL	188°, 34%, 45%
HSV	188°, 50%, 61%
XYZ	18.9502, 23.8909, 34.6230
YIQ	125.2210, -43.4630, -10.7830

# Conversions

## Conversions Part 2

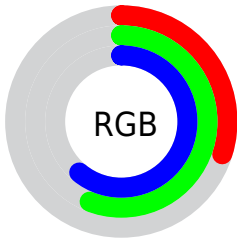
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 113, 155
Decimal	5083291
CIELab	55.98, -18.15, -12.41
CIElCh	56, 21.990, 214.356
Yxy	23.8909, 0.2446, 0.3084
Android (android.graphics.Color)	4283273371 (0xFF4D909B)
YUV	125.2210, 14.6810, -42.2898
Hunter-Lab	48.8783, -16.3321, -7.7833

# Details

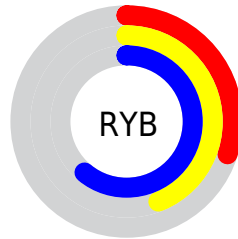
The Hex color **4D909B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9B584D**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **83C6D1**, and **0F5D68** is the 20% darker color. If you saturate the color by 10%, you get **3E8E9B**, and if you desaturate by 10%, it is **5D929B**.

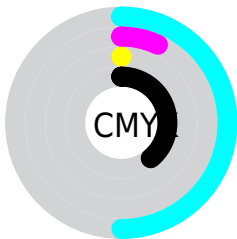
# Distribution



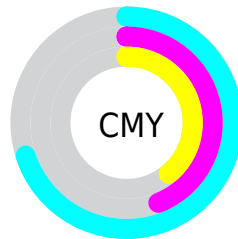
- Red (30%)
- Green (56%)
- Blue (61%)



- Red (30%)
- Yellow (44%)
- Blue (61%)



- Cyan (50%)
- Magenta (7%)
- Yellow (0%)
- Black (39%)



- Cyan (70%)
- Magenta (44%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D909B 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 4D909B by changing the saturation by 10% instead.



4D909B

4D909B

FFFFFF

317681

83C6D1

0F5D68

9FE2EE

004650

BBFFFF

002F39

D8FFFF

001C23

F5FFFF

00010D

000000

4D909B

4D909B

3E8E9B

5D929B

■ 2E8C9B

■ 6C949B

■ 1F899B

■ 7B979B

■ 0F879B

■ 8B999B

■ 00859B

■ 9B9B9B

■ AA9D9B

■ BA9F9B

■ C9A19B

■ D8A49B

# Harmonies

## Analogous

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



549188



4D909B



598DA8

# Triad

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



4D909B



A17B97



918660

# Complementary

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



4D909B



9B584D

# 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.



A27F64



4D909B



AC7884

# Square

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



4D909B



8D80A6



AC7A72



7C8B66

# Rectangle

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



4D909B



6989AC



AC7A72



978460



# Sweetspot

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



4D909B



ABC5C9



4D9B57



546366



E6E6E6



666666



# Same Dimension

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



4D909B



51B8C9



4D6A9B



454B4D



00788C



000B0D



# Inverse Universe

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



9B4D90



C951B8



9B7E4D



4D454B



8C0078

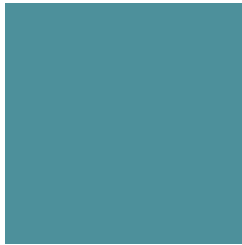


0D000B



# Previews

## White Background



This preview shows how the Hex color 4D909B looks on a white background.

## Color Contrast Check

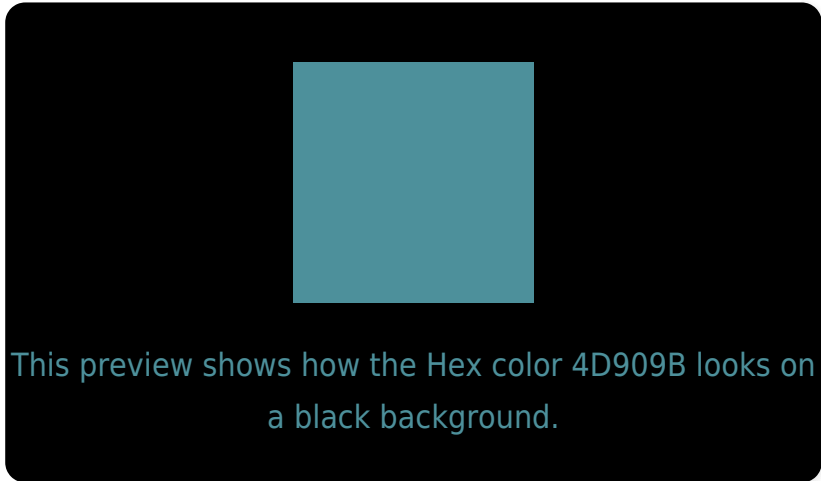
Large Text (above 18pt) WCAG AA ✓ Pass

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

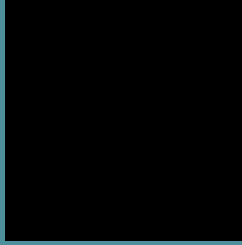
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

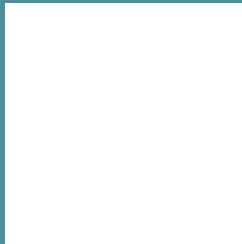
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4D909B Background



This preview shows how black text looks on a background with the Hex color 4D909B.



This preview shows how white text looks on a background with the Hex color 4D909B.

# 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



**Original Color**  
4D909B

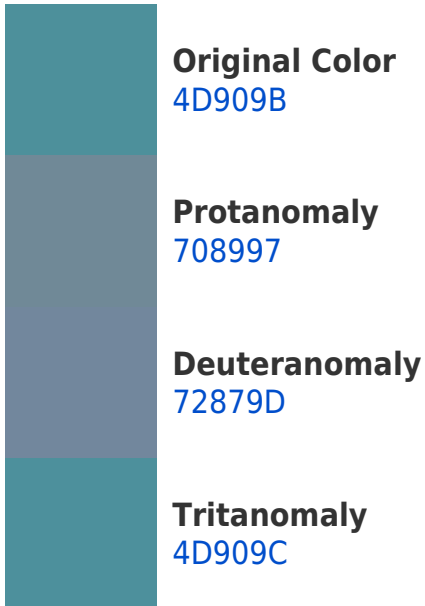
**Protanopia**  
848594

**Deuteranopia**  
87829E



**Tritanopia**  
4D909C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D909B 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 #4D909B looks like.

```
.text, #text, p{  
    color:#4D909B  
}
```

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 #4D909B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D909B
}
```

## Border

The CSS property to change the border of an element to Hex 4D909B 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
#4D909B }
```

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

```
.border{ border-color:#4D909B }
```

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

Here you see how a box with a 4 pixel #4D909B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D909B; -webkit-box-shadow:4px 4px  
4px 4px #4D909B; box-shadow:4px 4px 4px  
4px #4D909B }
```

# Background

The CSS property to change the background color of an element to Hex 4D909B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D909B }
```

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

```
.background{ background-color:#4D909B }
```

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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