

# Converting Colors

Hex(4D919D)

Have a look what the booklet for  
Hex(4D919D) contains.

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**Color**

**Hex(4D919D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D919D
RGB	77, 145, 157
RGB Percent	30%, 57%, 62%
CMY	0.6980, 0.4314, 0.3843
CMYK	0.51, 0.08, 0.00, 0.38
HSL	189°, 34%, 46%
HSV	189°, 51%, 62%
XYZ	19.2718, 24.2629, 35.5658
YIQ	126.0360, -44.3800, -10.6840

# Conversions

## Conversions Part 2

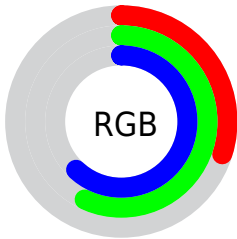
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 114, 157
Decimal	5083549
CIELab	56.35, -18.11, -13.00
CIElCh	56, 22.293, 215.661
Yxy	24.2629, 0.2436, 0.3067
Android (android.graphics.Color)	4283273629 (0xFF4D919D)
YUV	126.0360, 15.2653, -43.0046
Hunter-Lab	49.2574, -16.3630, -8.3295

# Details

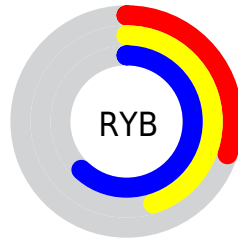
The Hex color **4D919D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9D594D**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **84C7D4**, and **0E5E6A** is the 20% darker color. If you saturate the color by 10%, you get **3D8F9D**, and if you desaturate by 10%, it is **5D939D**.

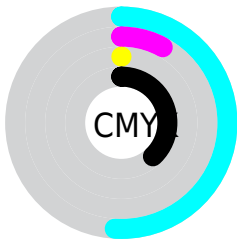
# Distribution



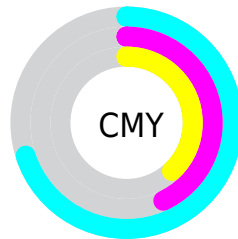
- Red (30%)
- Green (57%)
- Blue (62%)



- Red (30%)
- Yellow (45%)
- Blue (62%)



- Cyan (51%)
- Magenta (8%)
- Yellow (0%)
- Black (38%)



- Cyan (70%)
- Magenta (43%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D919D 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 4D919D by changing the saturation by 10% instead.



■ 4D919D

■ 4D919D

FFFFFF

■ 317783

■ 84C7D4

■ 0E5E6A

■ 9FE3F0

■ 004652

■ BCFFFF

■ 00303B

■ D8FFFF

■ 001C25

■ F6FFFF

■ 00010F

■ 000000

■ 4D919D

■ 4D919D

■ 3D8F9D

■ 5D939D

■ 2E8C9D

■ 6C969D

■ 1E8A9D

■ 7C989D

■ 0E889D

■ 8C9A9D

■ 00859D

■ 9B9D9D

■ AB9F9D

■ BBA19D

■ CBA49D

■ DAA69D

# Harmonies

## Analogous

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



53928A



4D919D



5A8DAA

# Triad

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



4D919D



A37B97



928761

# Complementary

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



4D919D



9D594D

# 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.



A38164



4D919D



AE7984

# Square

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



4D919D



8F81A7



AD7B71



7C8D67

# Rectangle

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



4D919D



6B8AAD



AD7B71



988561



# Sweetspot

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



4D919D



ADC7CC



4D9D59



546366



E6E6E6



666666



# Same Dimension

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



4D919D



50B9CC



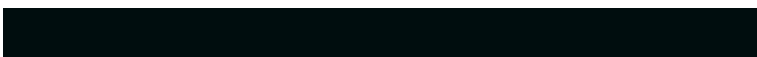
4D699D



474E4F



00798F



000D0F



# Inverse Universe

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



9D4D91



CC50B9



9D814D



4F474E



8F0079

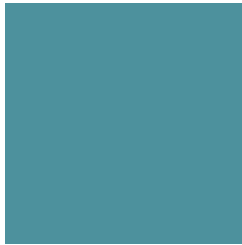


0F000D



# Previews

## White Background



This preview shows how the Hex color 4D919D looks on a white background.

## Color Contrast Check

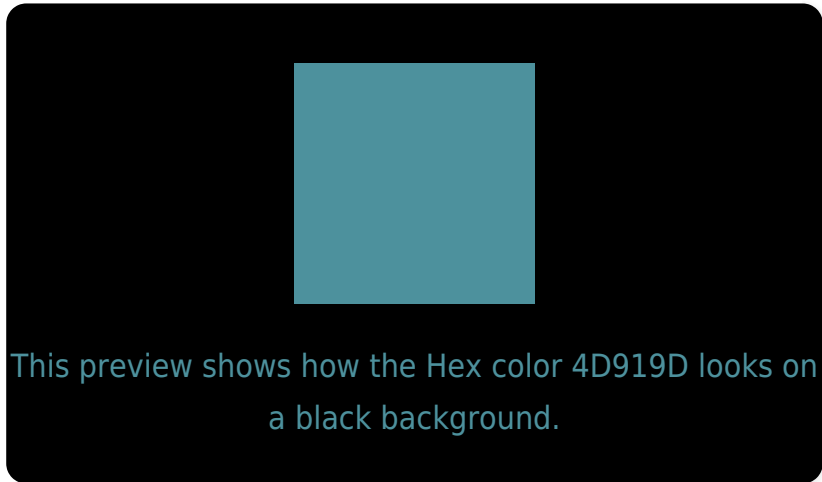
Large Text (above 18pt) WCAG AA ✓ Pass

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

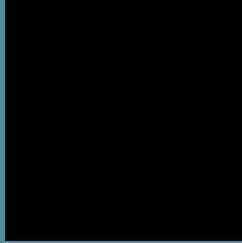
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4D919D Background



This preview shows how black text looks on a background with the Hex color 4D919D.

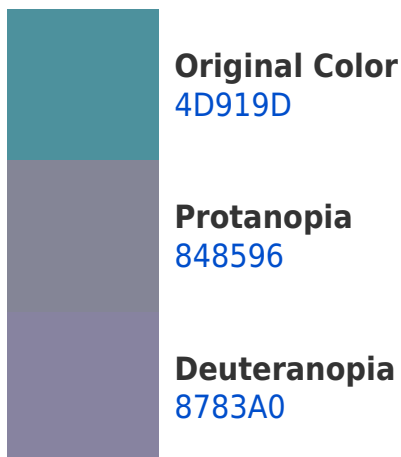


This preview shows how white text looks on a background with the Hex color 4D919D.

# 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](#).

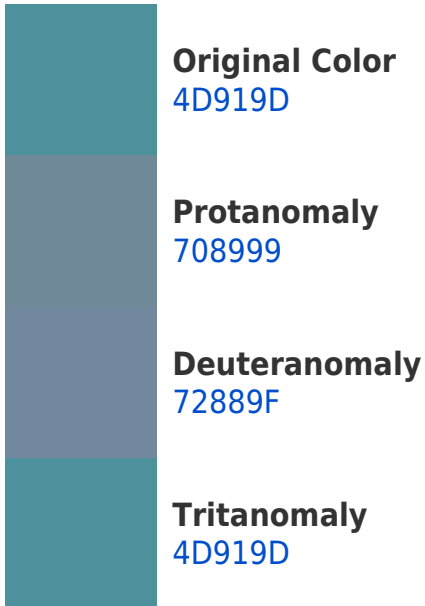
## Dichromacy





**Tritanopia**  
4D919D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D919D 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 #4D919D looks like.

```
.text, #text, p{  
    color:#4D919D  
}
```

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 #4D919D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D919D
}
```

## Border

The CSS property to change the border of an element to Hex 4D919D 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
#4D919D }
```

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

```
.border{ border-color:#4D919D }
```

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

Here you see how a box with a 4 pixel #4D919D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D919D; -webkit-box-shadow:4px 4px  
4px 4px #4D919D; box-shadow:4px 4px 4px  
4px #4D919D }
```

# Background

The CSS property to change the background color of an element to Hex 4D919D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D919D }
```

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

```
.background{ background-color:#4D919D }
```

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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