

# Converting Colors

Hex(4D8F99)

Have a look what the booklet for  
Hex(4D8F99) contains.

<b>Hex(4D8F99)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(4D8F99)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D8F99
RGB	77, 143, 153
RGB Percent	30%, 56%, 60%
CMY	0.6980, 0.4392, 0.4000
CMYK	0.50, 0.07, 0.00, 0.40
HSL	188°, 33%, 45%
HSV	188°, 50%, 60%
XYZ	18.6328, 23.5226, 33.6953
YIQ	124.4060, -42.5460, -10.8820

# Conversions

## Conversions Part 2

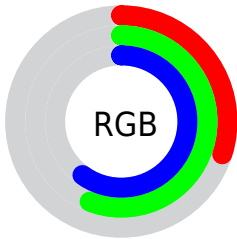
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	77, 112, 153
Decimal	5083033
CIE <sub>Lab</sub>	55.61, -18.19, -11.82
CIE <sub>LCh</sub>	56, 21.694, 213.014
Yxy	23.5226, 0.2457, 0.3101
Android (android.graphics.Color)	4283273113 (0xFF4D8F99)
YUV	124.4060, 14.0968, -41.5751
Hunter-Lab	48.5001, -16.2990, -7.2414

# Details

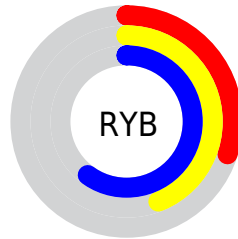
The Hex color **4D8F99** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **99574D**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **83C5CF**, and **105C66** is the 20% darker color. If you saturate the color by 10%, you get **3E8D99**, and if you desaturate by 10%, it is **5C9199**.

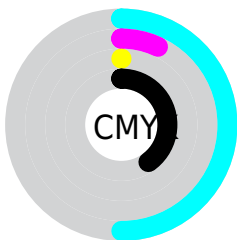
# Distribution



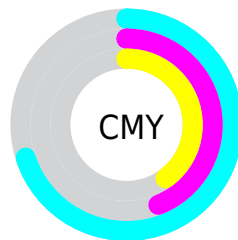
- Red (30%)
- Green (56%)
- Blue (60%)



- Red (30%)
- Yellow (44%)
- Blue (60%)



- Cyan (50%)
- Magenta (7%)
- Yellow (0%)
- Black (40%)



- Cyan (70%)
- Magenta (44%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D8F99 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 4D8F99 by changing the saturation by 10% instead.



■ 4D8F99

■ 4D8F99

FFFFFF

■ 31757F

■ 83C5CF

■ 105C66

■ 9FE1EC

■ 00454E

■ BBFEFF

■ 002E37

■ D8FFFF

■ 001B22

■ F5FFFF

■ 00000A

■ 000000

■ 4D8F99

■ 4D8F99

■ 3E8D99

■ 5C9199

■ 2E8B99

■ 6C9399

■ 1F8999

■ 7B9599

■ 108799

■ 8A9799

■ 018599

■ 9A9999

■ 008599

■ A99B99

■ B89D99

■ C79F99

■ D7A199

# Harmonies

## Analogous

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



549086



4D8F99



588CA6

# Triad

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



4D8F99



9F7A97



918560

# Complementary

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



4D8F99



99574D

# 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.



A17E64



4D8F99



AA7784

# Square

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



4D8F99



8B80A5



AA7972



7D8A65

# Rectangle

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



4D8F99



6888AA



AA7972



978260



# Sweetspot

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



4D8F99



A9C3C7



4D9956



526163



E3E3E3



636363



# Same Dimension

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



4D8F99



50B7C7



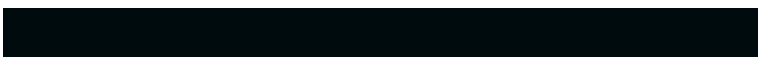
4D6A99



454B4D



007A8C



000B0D



# Inverse Universe

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



994D8F



C750B7



997C4D



4D454B



8C007A

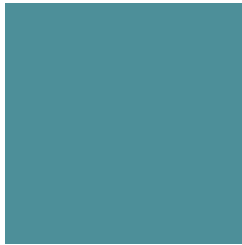


0D000B



# Previews

## White Background



This preview shows how the Hex color 4D8F99 looks on a white background.

## Color Contrast Check

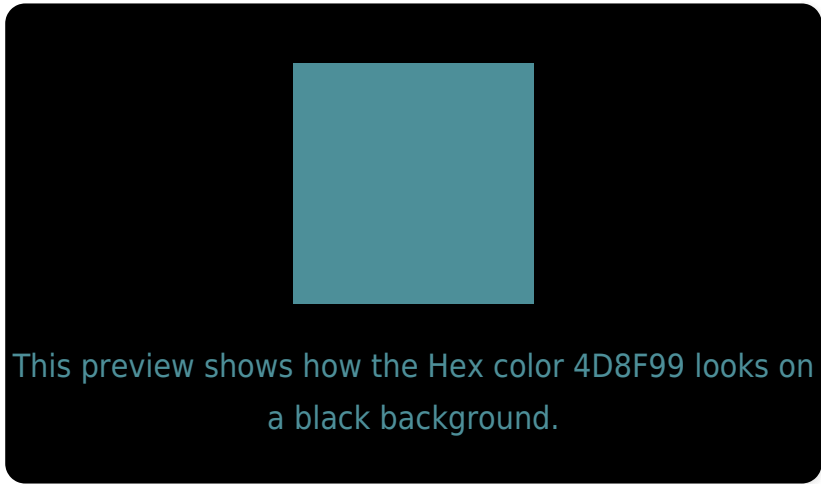
Large Text (above 18pt) WCAG AA ✓ Pass

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

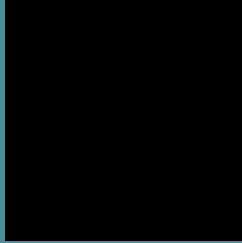
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4D8F99 Background



This preview shows how black text looks on a background with the Hex color 4D8F99.

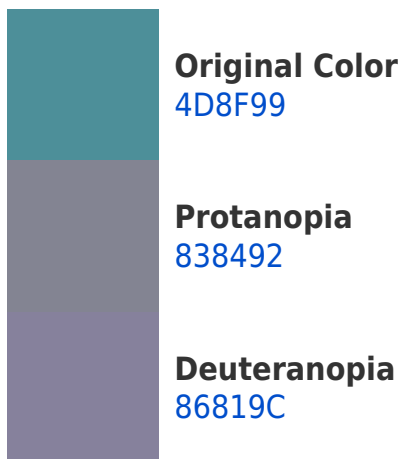


This preview shows how white text looks on a background with the Hex color 4D8F99.

# 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**  
4D8F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D8F99 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 #4D8F99 looks like.

```
.text, #text, p{  
    color:#4D8F99  
}
```

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 #4D8F99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D8F99
}
```

## Border

The CSS property to change the border of an element to Hex 4D8F99 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
#4D8F99 }
```

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

```
.border{ border-color:#4D8F99 }
```

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

Here you see how a box with a 4 pixel #4D8F99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D8F99; -webkit-box-shadow:4px 4px  
4px 4px #4D8F99; box-shadow:4px 4px 4px  
4px #4D8F99 }
```

# Background

The CSS property to change the background color of an element to Hex 4D8F99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D8F99 }
```

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

```
.background{ background-color:#4D8F99 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor