

# Converting Colors

Hex(74999F)

Have a look what the booklet for  
Hex(74999F) contains.

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# Color

**Hex(74999F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	74999F
RGB	116, 153, 159
RGB Percent	45%, 60%, 62%
CMY	0.5451, 0.4000, 0.3765
CMYK	0.27, 0.04, 0.00, 0.38
HSL	188°, 18%, 54%
HSV	188°, 27%, 62%
XYZ	24.8517, 28.9987, 37.0884
YIQ	142.6210, -23.9780, -5.9780

# Conversions

## Conversions Part 2

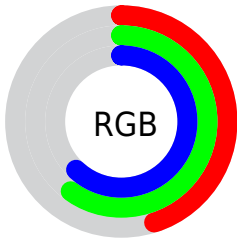
<b>Format</b>	<b>Color</b>
<b>RYB</b>	116, 136, 159
Decimal	7641503
CIELab	60.78, -11.23, -7.30
CIELCh	61, 13.388, 213.022
Yxy	28.9987, 0.2733, 0.3189
Android (android.graphics.Color)	4285831583 (0xFF74999F)
YUV	142.6210, 8.0748, -23.3466
Hunter-Lab	53.8504, -11.8614, -3.1395

# Details

The Hex color **74999F** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9F7A74**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **A9CFD6**, and **42666C** is the 20% darker color. If you saturate the color by 10%, you get **64979F**, and if you desaturate by 10%, it is **849B9F**.

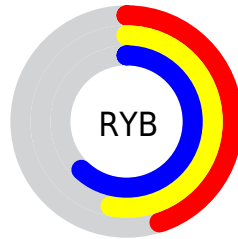
# Distribution



Red (45%)

Green (60%)

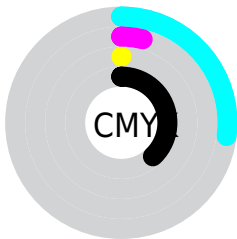
Blue (62%)



Red (45%)

Yellow (53%)

Blue (62%)

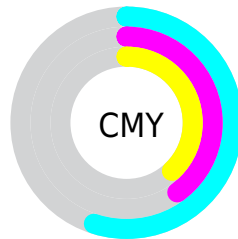


Cyan (27%)

Magenta (4%)

Yellow (0%)

Black (38%)



Cyan (55%)

Magenta (40%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74999F 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 74999F by changing the saturation by 10% instead.





74999F



74999F

FFFFFF



5B7F85



A9CFD6



42666C



C5ECF2



2A4E53



E1FFFF



11373C

FEFFFF



002227



000612



000000



74999F



74999F



64979F



849B9F

■ 54959F

■ 949D9F

■ 44929F

■ A4A09F

■ 34909F

■ B4A29F

■ 248E9F

■ C4A49F

■ 158C9F

■ D3A69F

■ 05899F

■ E3A99F

■ 00899F

■ F3AB9F

■ FFAD9F

# Harmonies

## Analogous

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



779A93



74999F



7A97A7

# Triad

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



74999F



A38C9E



9B927B

# Complementary

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



74999F



9F7A74

# 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.



A68E7E



74999F



AB8A92

# Square

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



74999F



968FA6



AB8B86



8E967F

# Rectangle

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



74999F



8294AA



AB8B86



9F917B



# Sweetspot

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



74999F



BECCCF



749F7A



5E6769



E8E8E8



696969



# Same Dimension

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



74999F



8CC5CF



74849F



474E4F



007B8F



000D0F



# Inverse Universe

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



9F7499



CF8CC5



9F8F74



4F474E



8F007B



0F000D



# Previews

## White Background



This preview shows how the Hex color 74999F looks on a white background.

## Color Contrast Check

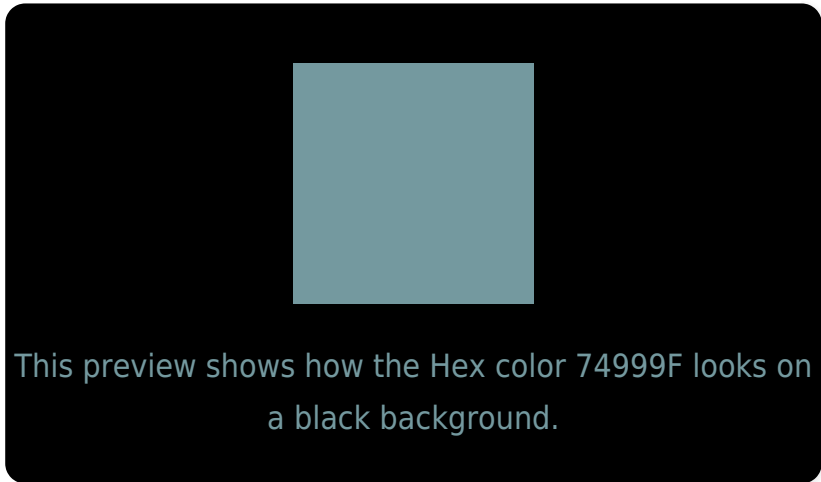
Large Text (above 18pt) WCAG AA ✓ Pass

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

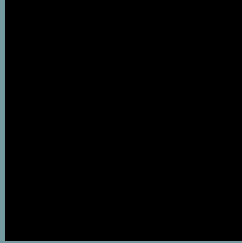
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

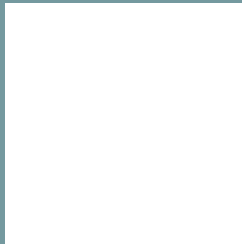
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 74999F Background



This preview shows how black text looks on a background with the Hex color 74999F.

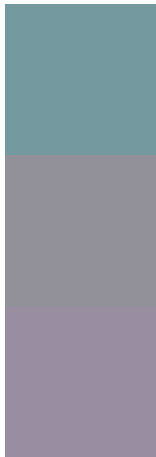


This preview shows how white text looks on a background with the Hex color 74999F.

# 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**  
74999F

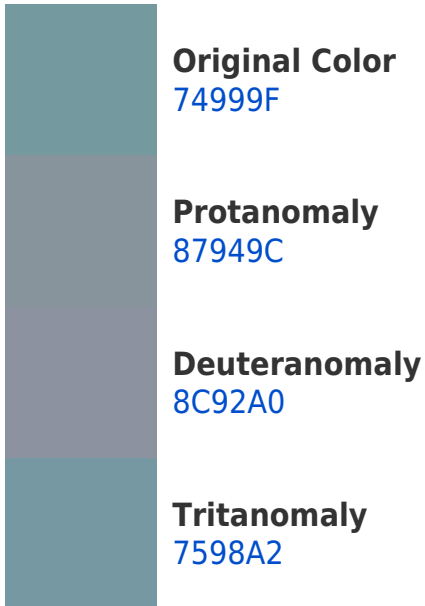
**Protanopia**  
92919A

**Deuteranopia**  
998EA1



**Tritanopia**  
7598A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74999F 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 #74999F looks like.

```
.text, #text, p{  
    color:#74999F  
}
```

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 #74999F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74999F
}
```

## Border

The CSS property to change the border of an element to Hex 74999F 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
#74999F }
```

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

```
.border{ border-color:#74999F }
```

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

Here you see how a box with a 4 pixel #74999F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74999F; -webkit-box-shadow:4px 4px  
4px 4px #74999F; box-shadow:4px 4px 4px  
4px #74999F }
```

# Background

The CSS property to change the background color of an element to Hex 74999F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74999F }
```

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

```
.background{ background-color:#74999F }
```

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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