

# Converting Colors

Hex(6E799F)

Have a look what the booklet for  
Hex(6E799F) contains.

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# Color

**Hex(6E799F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E799F
RGB	110, 121, 159
RGB Percent	43%, 47%, 62%
CMY	0.5686, 0.5255, 0.3765
CMYK	0.31, 0.24, 0.00, 0.38
HSL	227°, 20%, 53%
HSV	227°, 31%, 62%
XYZ	19.5258, 19.4929, 35.5343
YIQ	122.0430, -18.7540, 9.4860

# Conversions

## Conversions Part 2

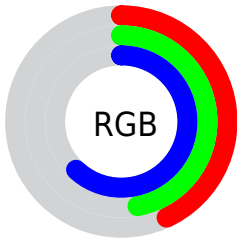
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 119, 159
Decimal	7240095
CIE <sub>Lab</sub>	51.26, 5.12, -21.73
CIE <sub>LCh</sub>	51, 22.328, 283.247
Yxy	19.4929, 0.2619, 0.2615
Android (android.graphics.Color)	4285430175 (0xFF6E799F)
YUV	122.0430, 18.2198, -10.5617
Hunter-Lab	44.1508, 1.6781, -16.8133

# Details

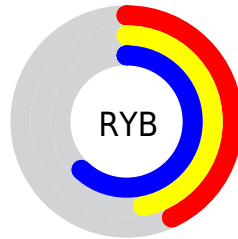
The Hex color **6E799F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9F946E**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **A3ADD6**, and **3C496B** is the 20% darker color. If you saturate the color by 10%, you get **5E6D9F**, and if you desaturate by 10%, it is **7E859F**.

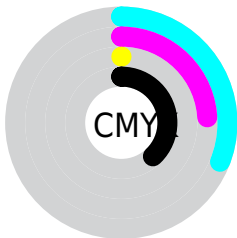
# Distribution



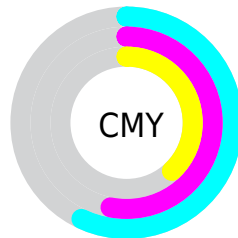
- Red (43%)
- Green (47%)
- Blue (62%)



- Red (43%)
- Yellow (47%)
- Blue (62%)



- Cyan (31%)
- Magenta (24%)
- Yellow (0%)
- Black (38%)



- Cyan (57%)
- Magenta (53%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E799F 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 6E799F by changing the saturation by 10% instead.





6E799F



6E799F

FFFFFF



556085



A3ADD6



3C496B



BEC9F2



253253



DAE5FF



0B1D3C



F7FFFF



000326



00010F



000000



6E799F



6E799F



5E6D9F



7E859F

■ 4E609F

■ 8E929F

■ 3E549F

■ 9E9E9F

■ 2E489F

■ AEAA9F

■ 1E3B9F

■ BEB79F

■ 0F2F9F

■ CDC39F

■ 00249F

■ DDCF9F

■ EDDC9F

■ FDE89F

# Harmonies

## Analogous

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



537F9E



6E799F



877296

# Triad

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



6E799F



9D6F61



54846F

# Complementary

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



6E799F



9F946E

# 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.



6A815E



6E799F



917556

# Square

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



6E799F



A06C72



7F7C55



428582

# Rectangle

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



6E799F



946F8C



7F7C55



5B8368



# Sweetspot

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



6E799F



BCC0CF



6E9F94



5D6069



E8E8E8



696969



# Same Dimension

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



6E799F



8293CF



7B6E9F



47494F



00208F



00030F



# Inverse Universe

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



9F6E79



CF8293



929F6E



4F4749



8F0020

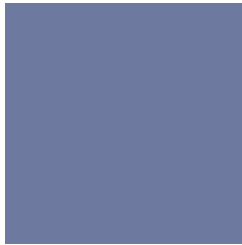


0F0003



# Previews

## White Background



This preview shows how the Hex color 6E799F looks on a white background.

## Color Contrast Check

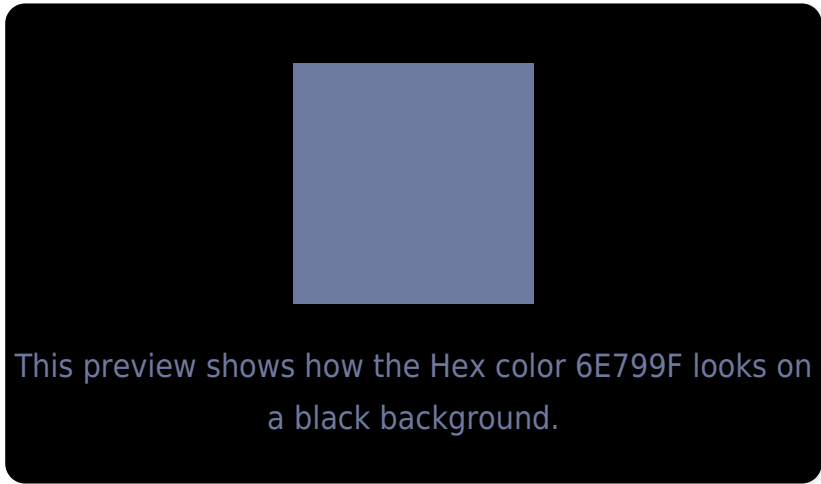
Large Text (above 18pt) WCAG AA ✓ Pass

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

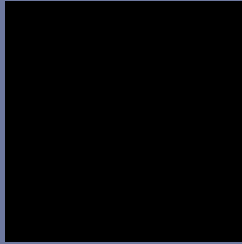
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

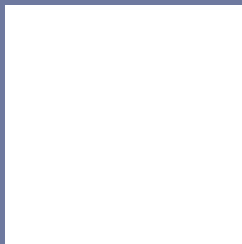
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6E799F Background



This preview shows how black text looks on a background with the Hex color 6E799F.



This preview shows how white text looks on a background with the Hex color 6E799F.

# 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](#).

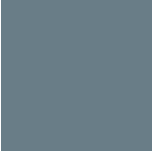
## Dichromacy



**Original Color**  
6E799F

**Protanopia**  
70799F

**Deuteranopia**  
72789F



**Tritanopia**  
697D87

# Trichromacy



**Original Color**  
6E799F

**Protanomaly**  
6F799F

**Deuteranomaly**  
71789F

**Tritanomaly**  
6B7C90

# Monochromacy



**Original Color**  
6E799F

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
767A87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E799F 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 #6E799F looks like.

```
.text, #text, p{  
    color:#6E799F  
}
```

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 #6E799F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E799F
}
```

## Border

The CSS property to change the border of an element to Hex 6E799F is called "border". The border property can be set on classes, ids or directly on the HTML element.

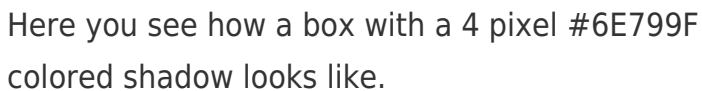
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E799F }
```

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

```
.border{ border-color:#6E799F }
```

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



Here you see how a box with a 4 pixel #6E799F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E799F; -webkit-box-shadow:4px 4px  
4px 4px #6E799F; box-shadow:4px 4px 4px  
4px #6E799F }
```

# Background

The CSS property to change the background color of an element to Hex 6E799F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E799F }
```

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

```
.background{ background-color:#6E799F }
```

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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