

# Converting Colors

Hex(6E8899)

Have a look what the booklet for  
Hex(6E8899) contains.

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# Color

**Hex(6E8899)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E8899
RGB	110, 136, 153
RGB Percent	43%, 53%, 60%
CMY	0.5686, 0.4667, 0.4000
CMYK	0.28, 0.11, 0.00, 0.40
HSL	204°, 17%, 52%
HSV	204°, 28%, 60%
XYZ	20.9843, 23.2232, 33.5135
YIQ	130.1640, -20.9530, -0.2250

# Conversions

## Conversions Part 2

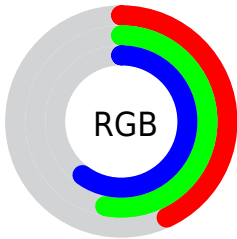
<b>Format</b>	<b>Color</b>
<b>RYB</b>	110, 126, 153
Decimal	7243929
CIELab	55.30, -5.14, -12.10
CIELCh	55, 13.148, 246.997
Yxy	23.2232, 0.2700, 0.2988
Android (android.graphics.Color)	4285434009 (0xFF6E8899)
YUV	130.1640, 11.2581, -17.6838
Hunter-Lab	48.1905, -6.6063, -7.4992

# Details

The Hex color **6E8899** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **997F6E**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **A2BDCF**, and **3D5666** is the 20% darker color. If you saturate the color by 10%, you get **5F8299**, and if you desaturate by 10%, it is **7D8E99**.

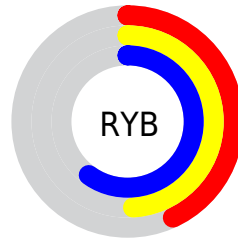
# Distribution



Red (43%)

Green (53%)

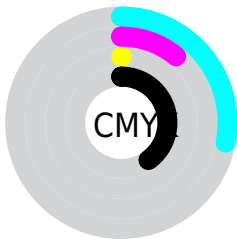
Blue (60%)



Red (43%)

Yellow (49%)

Blue (60%)

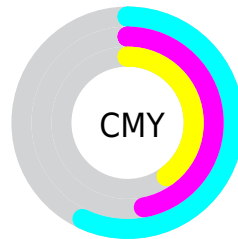


Cyan (28%)

Magenta (11%)

Yellow (0%)

Black (40%)



Cyan (57%)

Magenta (47%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E8899 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 6E8899 by changing the saturation by 10% instead.





6E8899



6E8899

FFFFFF



556F7F



A2BDCF



3D5666



BED9EC



253F4E



DAF5FF



0D2937



F7FFFF



001522



00000A



000000



6E8899



6E8899



5F8299



7D8E99

■ 4F7C99

■ 8D9499

■ 407699

■ 9C9A99

■ 317099

■ ABA099

■ 226A99

■ BBA699

■ 126499

■ CAAC99

■ 035E99

■ D9B299

■ 005D99

■ E8B899

■ F8BE99

# Harmonies

## Analogous

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



678A92



6E8899



7B849B

# Triad

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



6E8899



9C7D82



7E8872

# Complementary

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



6E8899



997F6E

# 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.



8B846E



6E8899



9C7E77

# Square

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



6E8899



967E8E



958170



718A7B

# Rectangle

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



6E8899



858299



958170



828770



# Sweetspot

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



6E8899



B7C1C7



6E997E



5A6063



E3E3E3



636363



# Same Dimension

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



6E8899



83ACC7



6E7399



45494D



00558C



00080D



# Inverse Universe

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



996E88



C783AC



99946E



4D4549



8C0055



0D0008



# Previews

## White Background



This preview shows how the Hex color 6E8899 looks on a white background.

## Color Contrast Check

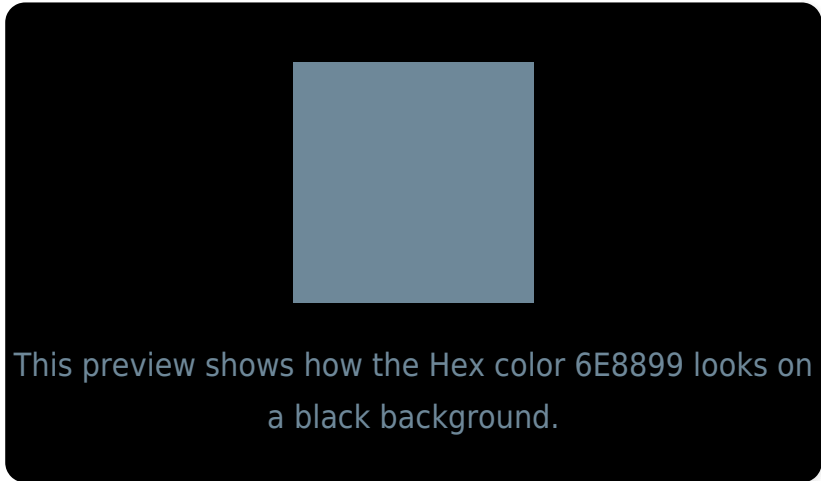
Large Text (above 18pt) WCAG AA ✓ Pass

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

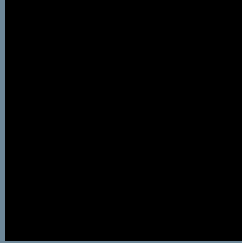
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

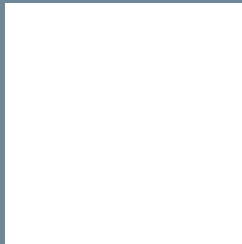
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6E8899 Background



This preview shows how black text looks on a background with the Hex color 6E8899.

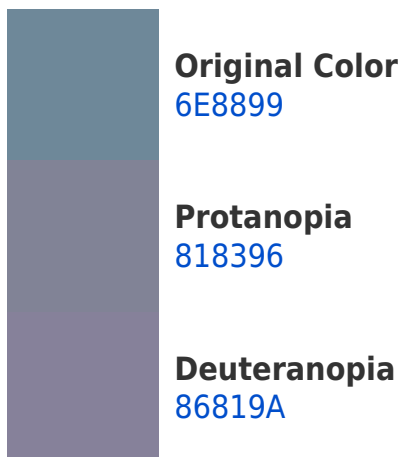


This preview shows how white text looks on a background with the Hex color 6E8899.

# 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](#).

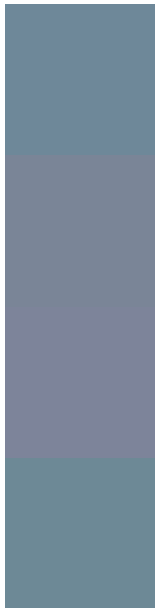
## Dichromacy





**Tritanopia**  
6D8994

# Trichromacy



**Original Color**  
6E8899

**Protanomaly**  
7A8597

**Deuteranomaly**  
7D849A

**Tritanomaly**  
6D8996

# Monochromacy



**Original Color**  
6E8899

**Achromatopsia**  
828282

**Achromatomaly**  
7B848A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E8899 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 #6E8899 looks like.

```
.text, #text, p{  
    color:#6E8899  
}
```

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 #6E8899 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E8899
}
```

## Border

The CSS property to change the border of an element to Hex 6E8899 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
#6E8899 }
```

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

```
.border{ border-color:#6E8899 }
```

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

Here you see how a box with a 4 pixel #6E8899 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E8899; -webkit-box-shadow:4px 4px  
4px 4px #6E8899; box-shadow:4px 4px 4px  
4px #6E8899 }
```

# Background

The CSS property to change the background color of an element to Hex 6E8899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E8899 }
```

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

```
.background{ background-color:#6E8899 }
```

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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