

# Converting Colors

Hex(6E7A8A)

Have a look what the booklet for  
Hex(6E7A8A) contains.

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# Color

**Hex(6E7A8A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E7A8A
RGB	110, 122, 138
RGB Percent	43%, 48%, 54%
CMY	0.5686, 0.5216, 0.4588
CMYK	0.20, 0.12, 0.00, 0.46
HSL	214°, 11%, 49%
HSV	214°, 20%, 54%
XYZ	17.9774, 19.0690, 26.7779
YIQ	120.2360, -12.2880, 2.4320

# Conversions

## Conversions Part 2

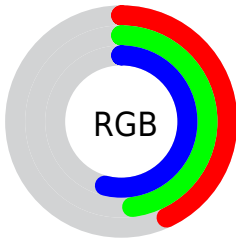
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 118, 138
Decimal	7240330
CIE <sub>Lab</sub>	50.77, -0.78, -10.19
CIE <sub>LCh</sub>	51, 10.218, 265.616
Yxy	19.0690, 0.2817, 0.2988
Android (android.graphics.Color)	4285430410 (0xFF6E7A8A)
YUV	120.2360, 8.7577, -8.9770
Hunter-Lab	43.6681, -2.9339, -5.7898

# Details

The Hex color **6E7A8A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8A7E6E**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **A2AEBF**, and **3E4958** is the 20% darker color. If you saturate the color by 10%, you get **60728A**, and if you desaturate by 10%, it is **7C828A**.

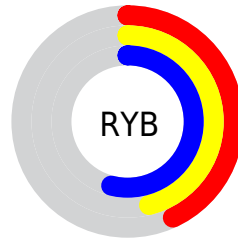
# Distribution



Red (43%)

Green (48%)

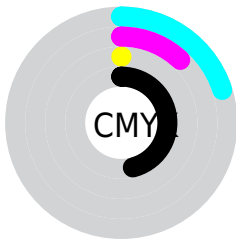
Blue (54%)



Red (43%)

Yellow (46%)

Blue (54%)

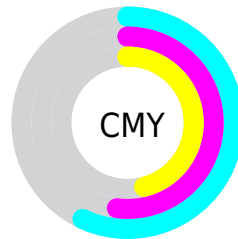


Cyan (20%)

Magenta (12%)

Yellow (0%)

Black (46%)



Cyan (57%)

Magenta (52%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E7A8A 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 6E7A8A by changing the saturation by 10% instead.





6E7A8A



6E7A8A

FFFFFF



556171



A2AEBF



3E4958



BDCADB



273341



D9E6F8



121E2B



F5FFFF



000417



000000



6E7A8A



6E7A8A



60728A



7C828A



526A8A



8A8A8A

■ 45628A

■ 97928A

■ 375A8A

■ A59A8A

■ 29538A

■ B3A18A

■ 1B4B8A

■ C1A98A

■ 0D438A

■ CFB18A

■ 003B8A

■ DCB98A

■ EAC18A

# Harmonies

## Analogous

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



667C87



6E7A8A



797788

# Triad

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



6E7A8A



8C7372



6E7D6F

# Complementary

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



6E7A8A



8A7E6E

# 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.



787B69



6E7A8A



88756B

# Square

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



6E7A8A



8A737A



817868



667E77

# Rectangle

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



6E7A8A



807585



817868



717C6D



# Sweetspot

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



6E7A8A



A8ACB3



6E8A7E



535659



D9D9D9



595959



# Same Dimension

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



6E7A8A



889AB3



706E8A



3E4145



003985



000205



# Inverse Universe

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



8A6E7A



B3889A



888A6E



453E41



850039



050002



# Previews

## White Background



This preview shows how the Hex color 6E7A8A looks on a white background.

## Color Contrast Check

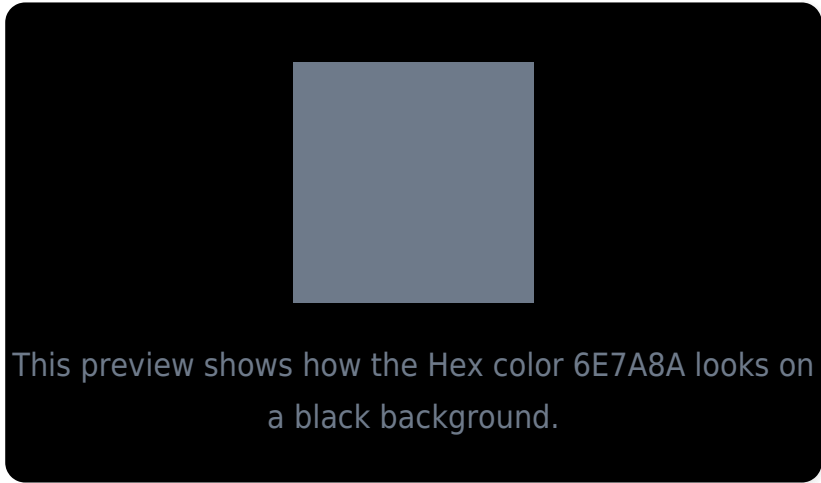
Large Text (above 18pt) WCAG AA ✓ Pass

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

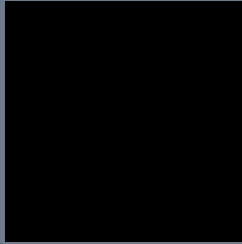
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

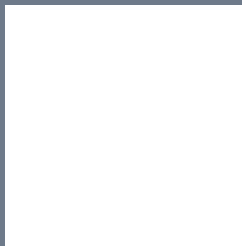
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6E7A8A Background



This preview shows how black text looks on a background with the Hex color 6E7A8A.



This preview shows how white text looks on a background with the Hex color 6E7A8A.

# 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**

6E7A8A

**Protanopia**

767889

**Deuteranopia**

7C768B



**Tritanopia**  
6D7B85

# Trichromacy



**Original Color**  
6E7A8A

**Protanomaly**  
737989

**Deuteranomaly**  
77778B

**Tritanomaly**  
6D7B87

# Monochromacy



**Original Color**  
6E7A8A

**Achromatopsia**  
787878

**Achromatomaly**  
74797F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E7A8A 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 #6E7A8A looks like.

```
.text, #text, p{  
    color:#6E7A8A  
}
```

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 #6E7A8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E7A8A
}
```

## Border

The CSS property to change the border of an element to Hex 6E7A8A 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
#6E7A8A }
```

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

```
.border{ border-color:#6E7A8A }
```

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

Here you see how a box with a 4 pixel #6E7A8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E7A8A; -webkit-box-shadow:4px 4px  
4px 4px #6E7A8A; box-shadow:4px 4px 4px  
4px #6E7A8A }
```

# Background

The CSS property to change the background color of an element to Hex 6E7A8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E7A8A }
```

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

```
.background{ background-color:#6E7A8A }
```

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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