

# Converting Colors

Hex(6E8DA2)

Have a look what the booklet for  
Hex(6E8DA2) contains.

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# Color

Hex(6E8DA2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E8DA2
RGB	110, 141, 162
RGB Percent	43%, 55%, 64%
CMY	0.5686, 0.4471, 0.3647
CMYK	0.32, 0.13, 0.00, 0.36
HSL	204°, 22%, 53%
HSV	204°, 32%, 64%
XYZ	22.4769, 24.9734, 37.8181
YIQ	134.1250, -25.2170, -0.0410

# Conversions

## Conversions Part 2

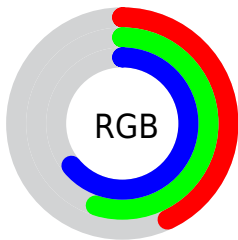
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 129, 162
Decimal	7245218
CIE <sub>Lab</sub>	57.05, -5.67, -14.64
CIE <sub>LCh</sub>	57, 15.699, 248.824
Yxy	24.9734, 0.2636, 0.2929
Android (android.graphics.Color)	4285435298 (0xFF6E8DA2)
YUV	134.1250, 13.7424, -21.1576
Hunter-Lab	49.9734, -7.1682, -9.8872

# Details

The Hex color **6E8DA2** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A2836E**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **A3C3D9**, and **3C5B6E** is the 20% darker color. If you saturate the color by 10%, you get **5E86A2**, and if you desaturate by 10%, it is **7E94A2**.

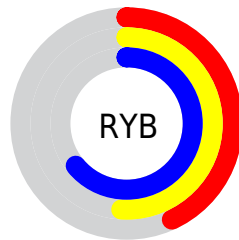
# Distribution



Red (43%)

Green (55%)

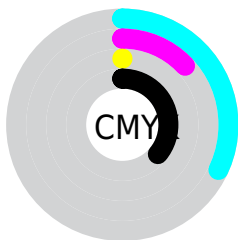
Blue (64%)



Red (43%)

Yellow (51%)

Blue (64%)

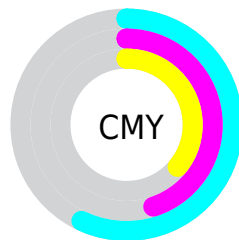


Cyan (32%)

Magenta (13%)

Yellow (0%)

Black (36%)



Cyan (57%)

Magenta (45%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E8DA2 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 6E8DA2 by changing the saturation by 10% instead.





6E8DA2



6E8DA2

FFFFFF



557388



A3C3D9



3C5B6E



BEDEF5



244356



DBFBFF



082D3F



F7FFFF



001929



000114



000000



6E8DA2



6E8DA2



5E86A2



7E94A2

■ 4E80A2

■ 8E9AA2

■ 3D79A2

■ 9FA1A2

■ 2D73A2

■ AFA7A2

■ 1D6CA2

■ BFAEA2

■ 0D66A2

■ CFB4A2

■ 0061A2

■ DFBBA2

■ F0C1A2

■ FFC8A2

# Harmonies

## Analogous

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



65909A



6E8DA2



7F89A4

# Triad

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



6E8DA2



A57F85



808D73

# Complementary

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



6E8DA2



A2836E

# 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.



8F896E



6E8DA2



A48178

# Square

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



6E8DA2



9E8193



9C8570



71907F

# Rectangle

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



6E8DA2



8B86A1



9C8570



858C71



# Sweetspot

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



6E8DA2



BECBD4



6EA283



5E666B



EBEBEB



6B6B6B



# Same Dimension

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



6E8DA2



81B2D4



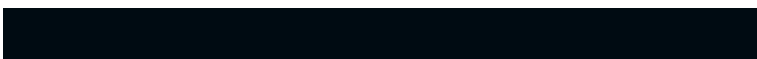
6E73A2



494E52



005791



000B12



# Inverse Universe

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



A26E8D



D481B2



A29D6E



52494E



910057



12000B



# Previews

## White Background



This preview shows how the Hex color 6E8DA2 looks on a white background.

## Color Contrast Check

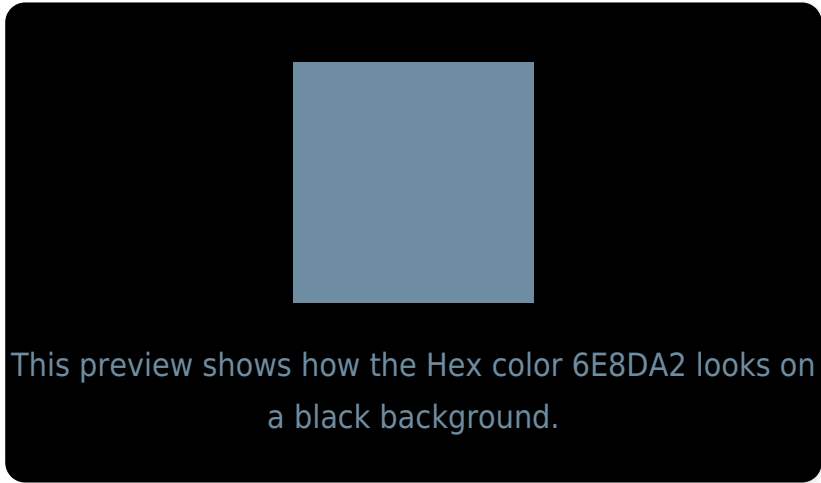
Large Text (above 18pt) WCAG AA ✓ Pass

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

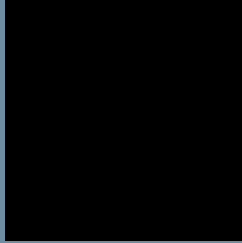
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

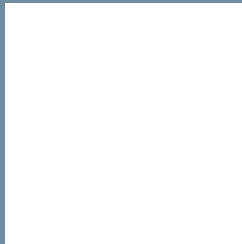
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6E8DA2 Background



This preview shows how black text looks on a background with the Hex color 6E8DA2.

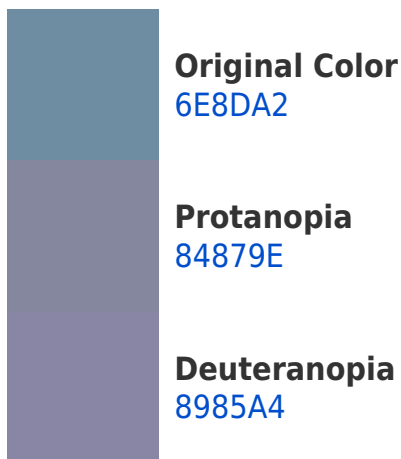


This preview shows how white text looks on a background with the Hex color 6E8DA2.

# 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](#).

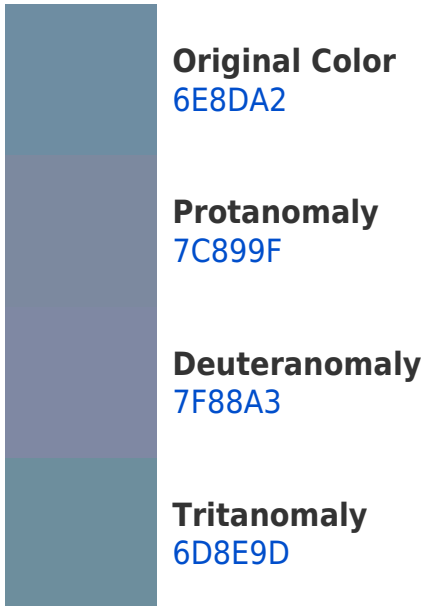
## Dichromacy





**Tritanopia**  
6C8E9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E8DA2 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 #6E8DA2 looks like.

```
.text, #text, p{  
    color:#6E8DA2  
}
```

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 #6E8DA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E8DA2
}
```

## Border

The CSS property to change the border of an element to Hex 6E8DA2 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
#6E8DA2 }
```

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

```
.border{ border-color:#6E8DA2 }
```

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

Here you see how a box with a 4 pixel #6E8DA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E8DA2; -webkit-box-shadow:4px 4px  
4px 4px #6E8DA2; box-shadow:4px 4px 4px  
4px #6E8DA2 }
```

# Background

The CSS property to change the background color of an element to Hex 6E8DA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E8DA2 }
```

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

```
.background{ background-color:#6E8DA2 }
```

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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