

# Converting Colors

Hex(6E91A7)

Have a look what the booklet for  
Hex(6E91A7) contains.

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# Color

Hex(6E91A7)

# Conversions

## Conversions Part 1

Format	Color
Hex	6E91A7
RGB	110, 145, 167
RGB Percent	43%, 57%, 65%
CMY	0.5686, 0.4314, 0.3451
CMYK	0.34, 0.13, 0.00, 0.35
HSL	203°, 24%, 54%
HSV	203°, 34%, 65%
XYZ	23.5309, 26.3558, 40.4062
YIQ	137.0430, -27.9220, -0.5780

# Conversions

## Conversions Part 2

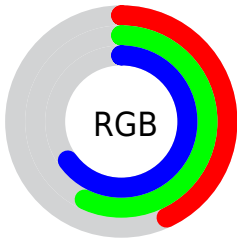
<b>Format</b>	<b>Color</b>
<b>RYB</b>	110, 132, 167
Decimal	7246247
CIELab	58.37, -6.62, -15.49
CIElCh	58, 16.847, 246.871
Yxy	26.3558, 0.2606, 0.2919
Android (android.graphics.Color)	4285436327 (0xFF6E91A7)
YUV	137.0430, 14.7688, -23.7167
Hunter-Lab	51.3379, -8.0254, -10.7284

# Details

The Hex color **6E91A7** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A7846E**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **A3C7DE**, and **3B5F73** is the 20% darker color. If you saturate the color by 10%, you get **5D8BA7**, and if you desaturate by 10%, it is **7F97A7**.

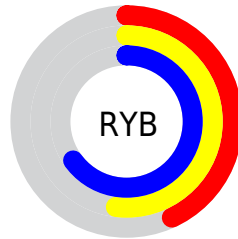
# Distribution



Red (43%)

Green (57%)

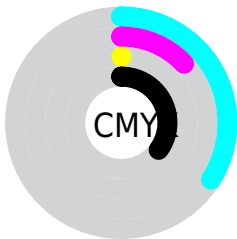
Blue (65%)



Red (43%)

Yellow (52%)

Blue (65%)

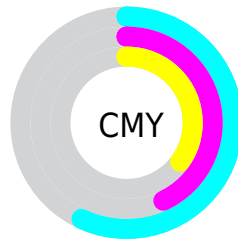


Cyan (34%)

Magenta (13%)

Yellow (0%)

Black (35%)



Cyan (57%)

Magenta (43%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E91A7 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 6E91A7 by changing the saturation by 10% instead.





6E91A7



6E91A7

FFFFFF



54778D



A3C7DE



3B5F73



BFE3FB



22475A



DBFFFF



053143



F8FFFF



001C2D



000118



000000



6E91A7



6E91A7



5D8BA7



7F97A7

■ 4D84A7

■ 8F9EA7

■ 3C7EA7

■ A0A4A7

■ 2B77A7

■ B1ABA7

■ 1B71A7

■ C2B1A7

■ 0A6AA7

■ D2B8A7

■ 0067A7

■ E3BEA7

■ F4C5A7

■ FFCBA7

# Harmonies

## Analogous

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



65949D



6E91A7



808CA9

# Triad

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



6E91A7



AA8289



849175

# Complementary

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



6E91A7



A7846E

# 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.



948C6F



6E91A7



AA847B

# Square

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



6E91A7



A28398



A28872



739480

# Rectangle

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



6E91A7



8D89A7



A28872



898F72



# Sweetspot

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



6E91A7



C3D0D9



6EA784



60696E



EDEDED



6E6E6E



# Same Dimension

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



6E91A7



80B6D9



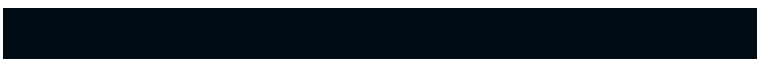
6E75A7



4C5154



005B94



000D14



# Inverse Universe

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



A76E91



D980B6



A7A06E



544C51



94005B



14000D



# Previews

## White Background



This preview shows how the Hex color 6E91A7 looks on a white background.

## Color Contrast Check

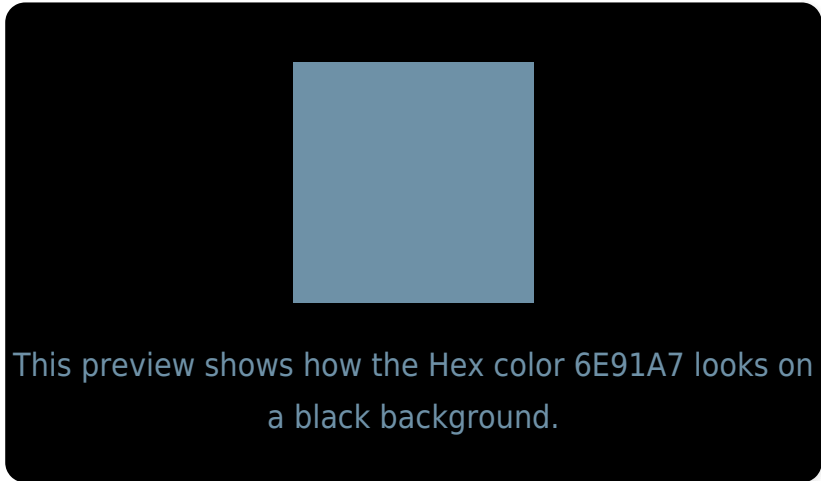
Large Text (above 18pt) WCAG AA ✓ Pass

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

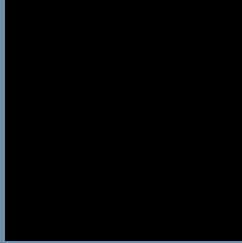
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

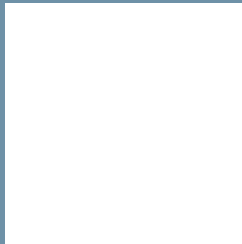
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6E91A7 Background



This preview shows how black text looks on a background with the Hex color 6E91A7.



This preview shows how white text looks on a background with the Hex color 6E91A7.

# 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**  
6E91A7

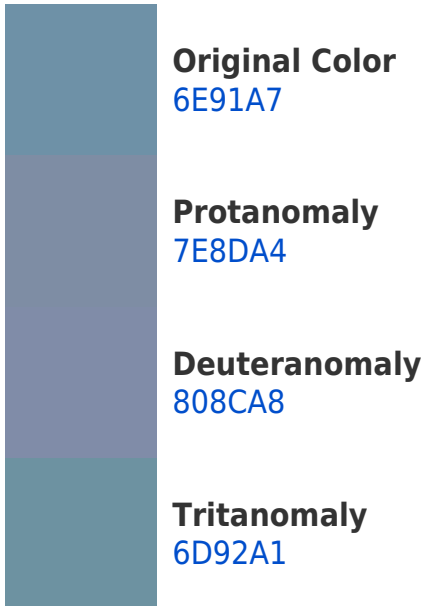
**Protanopia**  
878BA3

**Deuteranopia**  
8B89A9



**Tritanopia**  
6C929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E91A7 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 #6E91A7 looks like.

```
.text, #text, p{  
    color:#6E91A7  
}
```

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 #6E91A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E91A7  
}
```

## Border

The CSS property to change the border of an element to Hex 6E91A7 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  
#6E91A7 }
```

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

```
.border{ border-color:#6E91A7 }
```

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

Here you see how a box with a 4 pixel #6E91A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E91A7; -webkit-box-shadow:4px 4px  
4px 4px #6E91A7; box-shadow:4px 4px 4px  
4px #6E91A7 }
```

# Background

The CSS property to change the background color of an element to Hex 6E91A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E91A7 }
```

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

```
.background{ background-color:#6E91A7 }
```

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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