

# Converting Colors

Hex(6E91A4)

Have a look what the booklet for  
Hex(6E91A4) contains.

<b>Hex(6E91A4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(6E91A4)

# Conversions

## Conversions Part 1

Format	Color
Hex	6E91A4
RGB	110, 145, 164
RGB Percent	43%, 57%, 64%
CMY	0.5686, 0.4314, 0.3569
CMYK	0.33, 0.12, 0.00, 0.36
HSL	201°, 23%, 54%
HSV	201°, 33%, 64%
XYZ	23.2566, 26.2461, 38.9622
YIQ	136.7010, -26.9590, -1.5110

# Conversions

## Conversions Part 2

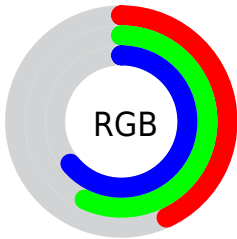
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 131, 164
Decimal	7246244
CIE <sub>Lab</sub>	58.27, -7.40, -13.94
CIE <sub>LCh</sub>	58, 15.779, 242.047
Yxy	26.2461, 0.2629, 0.2967
Android (android.graphics.Color)	4285436324 (0xFF6E91A4)
YUV	136.7010, 13.4584, -23.4168
Hunter-Lab	51.2310, -8.6229, -9.2296

# Details

The Hex color **6E91A4** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A4816E**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **A3C7DB**, and **3C5F70** is the 20% darker color. If you saturate the color by 10%, you get **5E8BA4**, and if you desaturate by 10%, it is **7E97A4**.

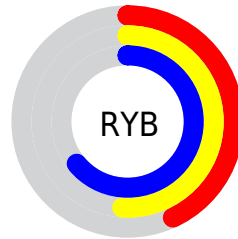
# Distribution



Red (43%)

Green (57%)

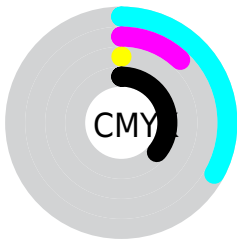
Blue (64%)



Red (43%)

Yellow (51%)

Blue (64%)

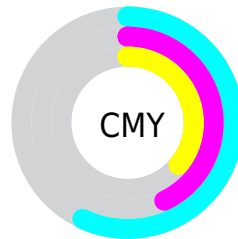


Cyan (33%)

Magenta (12%)

Yellow (0%)

Black (36%)



Cyan (57%)

Magenta (43%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E91A4 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 6E91A4 by changing the saturation by 10% instead.





6E91A4



6E91A4

FFFFFF



55778A



A3C7DB



3C5F70



BFE3F7



234758



DBFFFF



073140



F8FFFF



001C2A



000116



000000



6E91A4



6E91A4



5E8BA4



7E97A4

■ 4D85A4

■ 8F9DA4

■ 3D80A4

■ 9FA2A4

■ 2C7AA4

■ B0A8A4

■ 1C74A4

■ C0AEA4

■ 0C6EA4

■ D0B4A4

■ 006AA4

■ E1B9A4

■ F1BFA4

■ FFC5A4

# Harmonies

## Analogous

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



67949A



6E91A4



7E8DA7

# Triad

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



6E91A4



A8828C



879074

# Complementary

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



6E91A4



A4816E

# 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.



968B71



6E91A4



A9837E

# Square

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



6E91A4



9F8499



A28774



77937F

# Rectangle

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



6E91A4



8A8AA6



A28774



8C8E72



# Sweetspot

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



6E91A4



C1CFD6



6EA481



5E676B



EBEBEB



6B6B6B



# Same Dimension

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



6E91A4



81B8D6



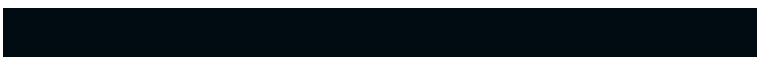
6E76A4



494F52



005E91



000C12



# Inverse Universe

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



A46E91



D681B8



A49C6E



52494F



91005E



12000C



# Previews

## White Background



This preview shows how the Hex color 6E91A4 looks on a white background.

## Color Contrast Check

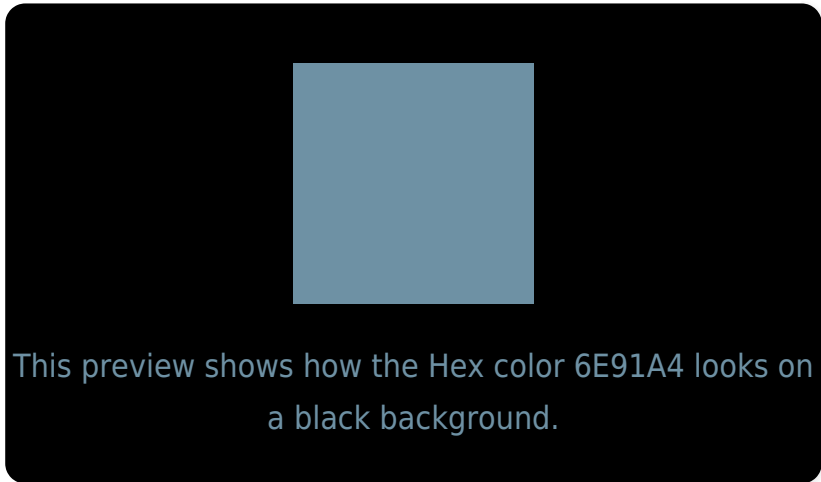
Large Text (above 18pt) WCAG AA ✓ Pass

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

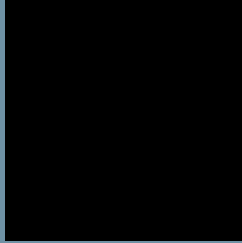
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

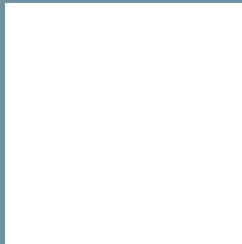
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6E91A4 Background



This preview shows how black text looks on a background with the Hex color 6E91A4.

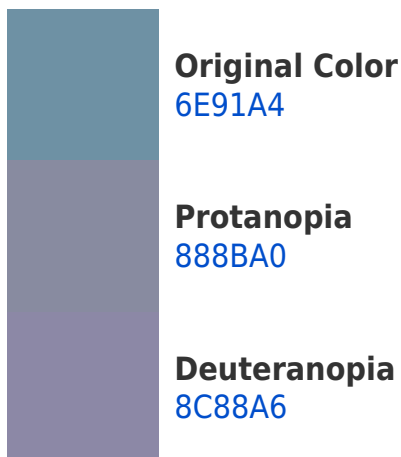


This preview shows how white text looks on a background with the Hex color 6E91A4.

# 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](#).

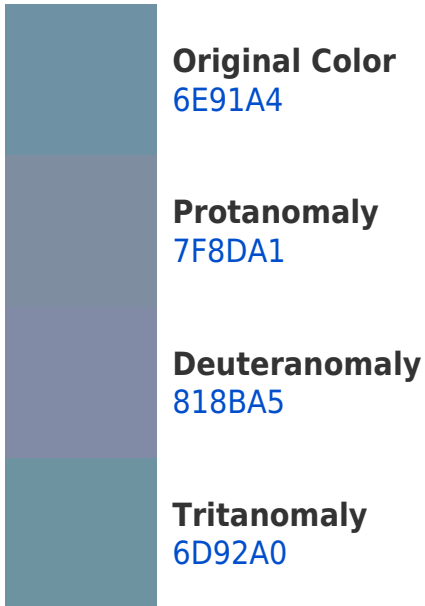
## Dichromacy



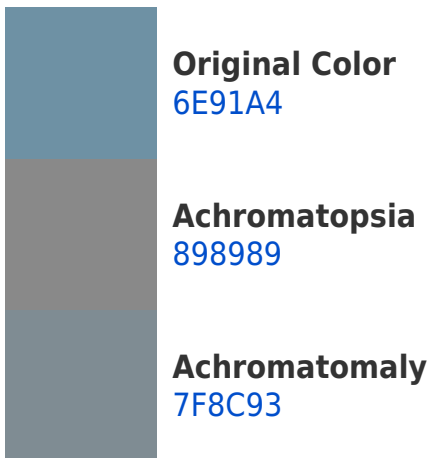


**Tritanopia**  
6D929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E91A4 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 #6E91A4 looks like.

```
.text, #text, p{  
    color:#6E91A4  
}
```

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 #6E91A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E91A4  
}
```

## Border

The CSS property to change the border of an element to Hex 6E91A4 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  
#6E91A4 }
```

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

```
.border{ border-color:#6E91A4 }
```

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

Here you see how a box with a 4 pixel #6E91A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E91A4; -webkit-box-shadow:4px 4px  
4px 4px #6E91A4; box-shadow:4px 4px 4px  
4px #6E91A4 }
```

# Background

The CSS property to change the background color of an element to Hex 6E91A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E91A4 }
```

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

```
.background{ background-color:#6E91A4 }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor