

# Converting Colors

Hex(7E74A3)

Have a look what the booklet for  
Hex(7E74A3) contains.

<b>Hex(7E74A3)</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(7E74A3)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E74A3
RGB	126, 116, 163
RGB Percent	49%, 45%, 64%
CMY	0.5059, 0.5451, 0.3608
CMYK	0.23, 0.29, 0.00, 0.36
HSL	253°, 20%, 55%
HSV	253°, 29%, 64%
XYZ	21.4604, 19.5707, 37.2968
YIQ	124.3480, -9.1270, 16.7370

# Conversions

## Conversions Part 2

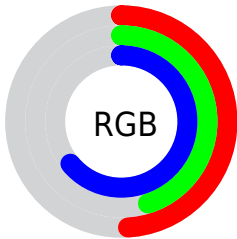
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 116, 163
Decimal	8287395
CIE <sub>Lab</sub>	51.35, 14.17, -23.82
CIE <sub>LCh</sub>	51, 27.716, 300.748
Yxy	19.5707, 0.2740, 0.2499
Android (android.graphics.Color)	4286477475 (0xFF7E74A3)
YUV	124.3480, 19.0554, 1.4488
Hunter-Lab	44.2388, 9.1731, -19.0189

# Details

The Hex color **7E74A3** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **99A374**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B3A8DA**, and **4C446F** is the 20% darker color. If you saturate the color by 10%, you get **7164A3**, and if you desaturate by 10%, it is **8B84A3**.

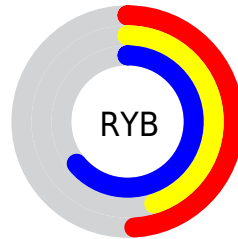
# Distribution



Red (49%)

Green (45%)

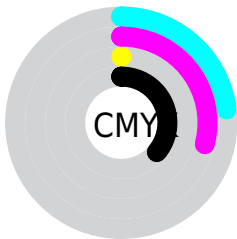
Blue (64%)



Red (49%)

Yellow (45%)

Blue (64%)

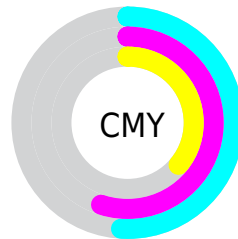


Cyan (23%)

Magenta (29%)

Yellow (0%)

Black (36%)



Cyan (51%)

Magenta (55%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E74A3 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 7E74A3 by changing the saturation by 10% instead.



■ 7E74A3

■ 7E74A3

FFFFFF

■ 655B89

■ B3A8DA

■ 4C446F

■ CFC3F7

■ 342E57

■ ECDFFF

■ 1D193F

■ FFFCFF

■ 0A0029

■ 000113

■ 000000

■ 7E74A3

■ 7E74A3

■ 7164A3

■ 8B84A3

6453A3

9895A3

5843A3

A4A5A3

4B33A3

B1B5A3

3E23A3

BEC6A3

3112A3

CBD6A3

2402A3

D8E6A3

2300A3

E5F6A3

F1FFA3

# Harmonies

## Analogous

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



5A7CA9



7E74A3



996C92

# Triad

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



7E74A3



9D7152



37877A

# Complementary

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



7E74A3



99A374

# 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.



558562



7E74A3



8A794B

# Square

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



7E74A3



A86A63



718051



218692

# Rectangle

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



7E74A3



A46983



718051



418772



# Sweetspot

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



7E74A3



C5C1D4



749AA3



625F6B



EBEBEB



6B6B6B



# Same Dimension

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



7E74A3



998AD4



9574A3



4B4952



1F0091



040012



# Inverse Universe

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



A37499



D48AC4



82A374



524950



910072



12000E



# Previews

## White Background



This preview shows how the Hex color 7E74A3 looks on a white background.

## Color Contrast Check

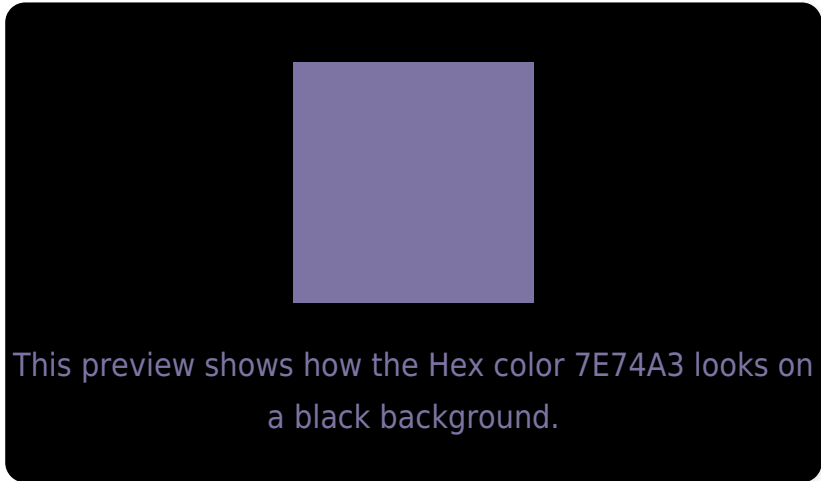
Large Text (above 18pt) WCAG AA ✓ Pass

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

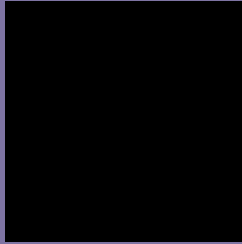
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7E74A3 Background



This preview shows how black text looks on a background with the Hex color 7E74A3.

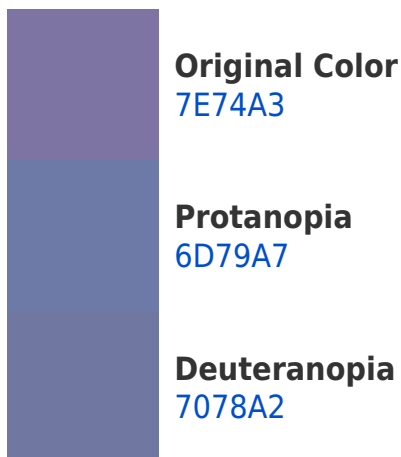



This preview shows how white text looks on a background with the Hex color 7E74A3.

# 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**  
787A84

# Trichromacy



**Original Color**  
7E74A3

**Protanomaly**  
7377A6

**Deuteranomaly**  
7577A2

**Tritanomaly**  
7A788F

# Monochromacy



**Original Color**  
7E74A3

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
7D798A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E74A3 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 #7E74A3 looks like.

```
.text, #text, p{  
    color:#7E74A3  
}
```

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 #7E74A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E74A3
}
```

## Border

The CSS property to change the border of an element to Hex 7E74A3 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
#7E74A3 }
```

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

```
.border{ border-color:#7E74A3 }
```

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

Here you see how a box with a 4 pixel #7E74A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E74A3; -webkit-box-shadow:4px 4px  
4px 4px #7E74A3; box-shadow:4px 4px 4px  
4px #7E74A3 }
```

# Background

The CSS property to change the background color of an element to Hex 7E74A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E74A3 }
```

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

```
.background{ background-color:#7E74A3 }
```

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