

# Converting Colors

Hex(7A6AA3)

Have a look what the booklet for  
Hex(7A6AA3) contains.

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# Color

**Hex(7A6AA3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A6AA3
RGB	122, 106, 163
RGB Percent	48%, 42%, 64%
CMY	0.5216, 0.5843, 0.3608
CMYK	0.25, 0.35, 0.00, 0.36
HSL	257°, 24%, 53%
HSV	257°, 35%, 64%
XYZ	19.7909, 17.0900, 36.9059
YIQ	117.2820, -8.7610, 21.1190

# Conversions

## Conversions Part 2

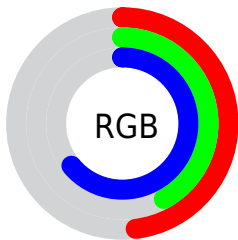
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 106, 163
Decimal	8022691
CIE <sub>Lab</sub>	48.37, 18.88, -28.46
CIE <sub>LCh</sub>	48, 34.154, 303.567
Yxy	17.0900, 0.2682, 0.2316
Android (android.graphics.Color)	4286212771 (0xFF7A6AA3)
YUV	117.2820, 22.5390, 4.1377
Hunter-Lab	41.3400, 13.1092, -23.9926

# Details

The Hex color **7A6AA3** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **93A36A**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **AF9DDA**, and **483B6F** is the 20% darker color. If you saturate the color by 10%, you get **6E5AA3**, and if you desaturate by 10%, it is **867AA3**.

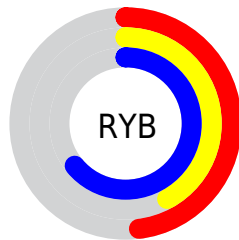
# Distribution



Red (48%)

Green (42%)

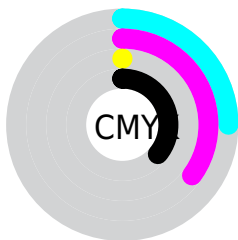
Blue (64%)



Red (48%)

Yellow (42%)

Blue (64%)

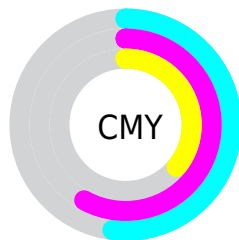


Cyan (25%)

Magenta (35%)

Yellow (0%)

Black (36%)



Cyan (52%)

Magenta (58%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A6AA3 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 7A6AA3 by changing the saturation by 10% instead.



■ 7A6AA3

■ 7A6AA3

FFFFFF

■ 605289

■ AF9DDA

■ 483B6F

■ CBB8F7

■ 302556

■ E8D4FF

■ 18103F

■ FFF0FF

■ 000029

■ 000112

■ 000000

■ 7A6AA3

■ 7A6AA3

■ 6E5AA3

■ 867AA3

6349A3

918BA3

5739A3

9D9BA3

4B29A3

A9ABA3

3F19A3

B5BBA3

3408A3

C0CCA3

2E00A3

CCDCA3

D8ECA3

E4FDA3

# Harmonies

## Analogous

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



4A75AC



7A6AA3



9A608D

# Triad

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



7A6AA3



996840



008275

# Complementary

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



7A6AA3



93A36A

# 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.



3E8058



7A6AA3



817238

# Square

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



7A6AA3



A85F54



637B41



008192

# Rectangle

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



7A6AA3



A55C7A



637B41



19816B



# Sweetspot

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



7A6AA3



C4BED4



6A94A3



625E6B



EBEBEB



6B6B6B



# Same Dimension

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



7A6AA3



947BD4



966AA3



4C4952



290091



050012



# Inverse Universe

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



A36A93



D47BBB



77A36A



52494F



910069

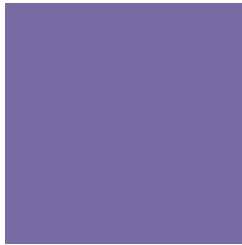


12000D



# Previews

## White Background



This preview shows how the Hex color 7A6AA3 looks on a white background.

## Color Contrast Check

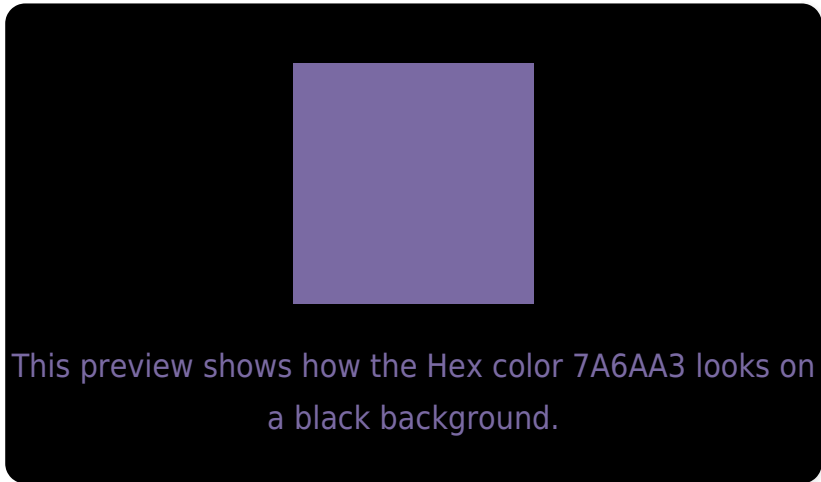
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

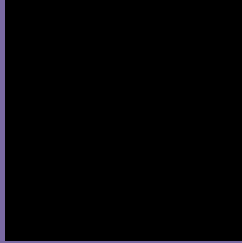
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A6AA3 Background



This preview shows how black text looks on a background with the Hex color 7A6AA3.

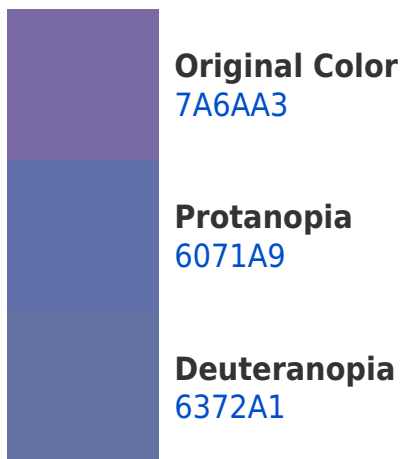


This preview shows how white text looks on a background with the Hex color 7A6AA3.

# 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**  
73727B

# Trichromacy



**Original Color**

7A6AA3

**Protanomaly**

696EA7

**Deuteranomaly**

6B6FA2

**Tritanomaly**

766F8A

# Monochromacy



**Original Color**

7A6AA3

**Achromatopsia**

757575

**Achromatomaly**

777186

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A6AA3 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 #7A6AA3 looks like.

```
.text, #text, p{  
    color:#7A6AA3  
}
```

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 #7A6AA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A6AA3
}
```

## Border

The CSS property to change the border of an element to Hex 7A6AA3 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
#7A6AA3 }
```

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

```
.border{ border-color:#7A6AA3 }
```

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

Here you see how a box with a 4 pixel #7A6AA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A6AA3; -webkit-box-shadow:4px 4px  
4px 4px #7A6AA3; box-shadow:4px 4px 4px  
4px #7A6AA3 }
```

# Background

The CSS property to change the background color of an element to Hex 7A6AA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A6AA3 }
```

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

```
.background{ background-color:#7A6AA3 }
```

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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