

# Converting Colors

Hex(7A6BA0)

Have a look what the booklet for  
Hex(7A6BA0) contains.

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# Color

**Hex(7A6BA0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A6BA0
RGB	122, 107, 160
RGB Percent	48%, 42%, 63%
CMY	0.5216, 0.5804, 0.3725
CMYK	0.24, 0.33, 0.00, 0.37
HSL	257°, 22%, 52%
HSV	257°, 33%, 63%
XYZ	19.6289, 17.1910, 35.5414
YIQ	117.5270, -8.0730, 19.6630

# Conversions

## Conversions Part 2

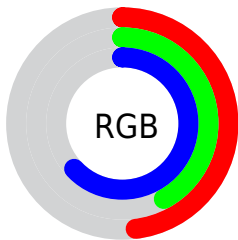
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 107, 160
Decimal	8022944
CIE <sub>Lab</sub>	48.50, 17.53, -26.50
CIE <sub>LCh</sub>	48, 31.772, 303.482
Yxy	17.1910, 0.2713, 0.2376
Android (android.graphics.Color)	4286213024 (0xFF7A6BA0)
YUV	117.5270, 20.9392, 3.9228
Hunter-Lab	41.4621, 11.9465, -21.8000

# Details

The Hex color **7A6BA0** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **91A06B**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **AF9ED7**, and **483C6C** is the 20% darker color. If you saturate the color by 10%, you get **6F5BA0**, and if you desaturate by 10%, it is **857BA0**.

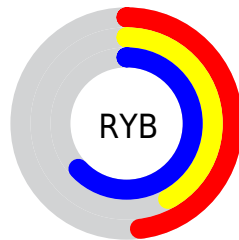
# Distribution



Red (48%)

Green (42%)

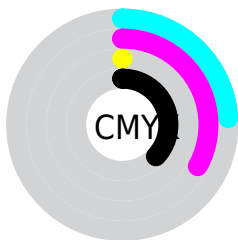
Blue (63%)



Red (48%)

Yellow (42%)

Blue (63%)

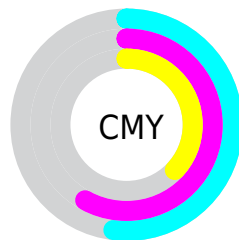


Cyan (24%)

Magenta (33%)

Yellow (0%)

Black (37%)



Cyan (52%)

Magenta (58%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A6BA0 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 7A6BA0 by changing the saturation by 10% instead.



■ 7A6BA0

■ 7A6BA0

FFFFFF

■ 615386

■ AF9ED7

■ 483C6C

■ CBB9F3

■ 302654

■ E7D5FF

■ 19113C

■ FFF2FF

■ 000026

■ 00010F

■ 000000

■ 7A6BA0

■ 7A6BA0

■ 6F5BA0

■ 857BA0

634BA0

918BA0

583BA0

9C9BA0

4C2BA0

A8ABA0

411BA0

B3BBA0

350BA0

BFCBA0

2D00A0

CADBA0

D6EBA0

E1FBA0

# Harmonies

## Analogous

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



4F75A9



7A6BA0



97628C

# Triad

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



7A6BA0



986944



118176

# Complementary

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



7A6BA0



91A06B

# 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.



437F5A



7A6BA0



81733D

# Square

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



7A6BA0



A56157



657A45



008090

# Rectangle

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



7A6BA0



A35E7A



657A45



27816C



# Sweetspot

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



7A6BA0



C2BCD1



6B92A0



605C69



E8E8E8



696969



# Same Dimension

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



7A6BA0



957DD1



946BA0



49474F



28008F



04000F



# Inverse Universe

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



A06B91



D17DB9



77A06B



4F474D



8F0066

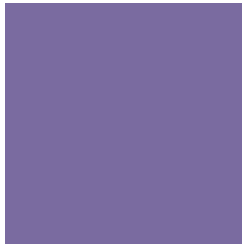


0F000B



# Previews

## White Background



This preview shows how the Hex color 7A6BA0 looks on a white background.

## Color Contrast Check

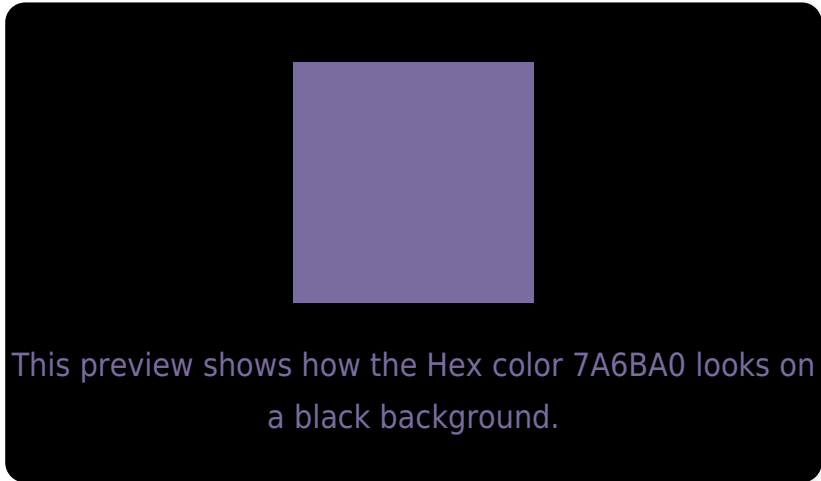
Large Text (above 18pt) WCAG AA ✓ Pass

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

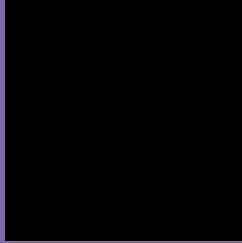
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A6BA0 Background



This preview shows how black text looks on a background with the Hex color 7A6BA0.

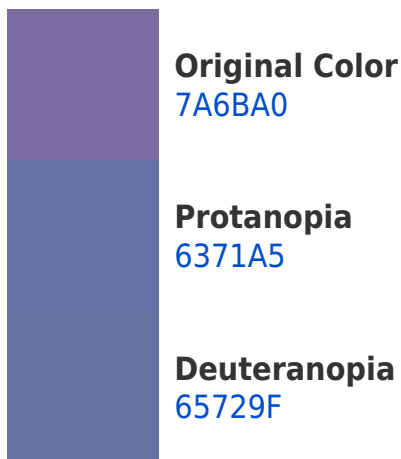


This preview shows how white text looks on a background with the Hex color 7A6BA0.

# 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**  
7A6BA0

**Protanomaly**  
6B6FA3

**Deuteranomaly**  
6D6F9F

**Tritanomaly**  
766F88

# Monochromacy



**Original Color**  
7A6BA0

**Achromatopsia**  
767676

**Achromatomaly**  
777285

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A6BA0 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 #7A6BA0 looks like.

```
.text, #text, p{  
    color:#7A6BA0  
}
```

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 #7A6BA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A6BA0
}
```

## Border

The CSS property to change the border of an element to Hex 7A6BA0 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
#7A6BA0 }
```

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

```
.border{ border-color:#7A6BA0 }
```

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

Here you see how a box with a 4 pixel #7A6BA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A6BA0; -webkit-box-shadow:4px 4px  
4px 4px #7A6BA0; box-shadow:4px 4px 4px  
4px #7A6BA0 }
```

# Background

The CSS property to change the background color of an element to Hex 7A6BA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A6BA0 }
```

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

```
.background{ background-color:#7A6BA0 }
```

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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