

# Converting Colors

Hex(7876A0)

Have a look what the booklet for  
Hex(7876A0) contains.

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# Color

**Hex(7876A0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7876A0
RGB	120, 118, 160
RGB Percent	47%, 46%, 63%
CMY	0.5294, 0.5373, 0.3725
CMYK	0.25, 0.26, 0.00, 0.37
HSL	243°, 18%, 55%
HSV	243°, 26%, 63%
XYZ	20.5693, 19.4880, 35.9351
YIQ	123.3860, -12.2900, 13.4860

# Conversions

## Conversions Part 2

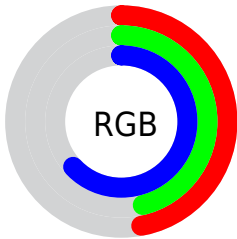
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 118, 160
Decimal	7894688
CIE <sub>Lab</sub>	51.25, 10.31, -22.26
CIE <sub>LCh</sub>	51, 24.529, 294.843
Yxy	19.4880, 0.2707, 0.2564
Android (android.graphics.Color)	4286084768 (0xFF7876A0)
YUV	123.3860, 18.0507, -2.9695
Hunter-Lab	44.1452, 5.9174, -17.3617

# Details

The Hex color **7876A0** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9EA076**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **ADAAD7**, and **46466C** is the 20% darker color. If you saturate the color by 10%, you get **6966A0**, and if you desaturate by 10%, it is **8786A0**.

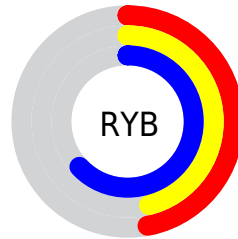
# Distribution



Red (47%)

Green (46%)

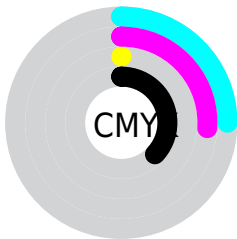
Blue (63%)



Red (47%)

Yellow (46%)

Blue (63%)

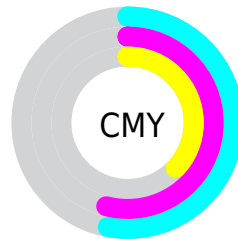


Cyan (25%)

Magenta (26%)

Yellow (0%)

Black (37%)



Cyan (53%)

Magenta (54%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7876A0 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 7876A0 by changing the saturation by 10% instead.



■ 7876A0

■ 7876A0

FFFFFF

■ 5F5D86

■ ADAAD7

■ 46466C

■ C9C5F3

■ 2F3054

■ E5E1FF

■ 181B3D

FFFEFF

■ 020027

■ 000110

■ 000000

■ 7876A0

■ 7876A0

■ 6966A0

■ 8786A0

5A56A0

9696A0

4A46A0

A6A6A0

3B36A0

B5B6A0

2C26A0

C4C6A0

1D16A0

D3D6A0

0D06A0

E3E6A0

0800A0

F2F6A0

FFFA0

# Harmonies

## Analogous

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



597DA3



7876A0



916F92

# Triad

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



7876A0



9C7059



468576

# Complementary

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



7876A0



9EA076

# 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.



5E8361



7876A0



8C7850

# Square

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



7876A0



A46B6A



777E54



35858B

# Rectangle

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



7876A0



9D6C86



777E54



4E856E



# Sweetspot

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



7876A0



C1C0D1



769FA0



5F5E69



E8E8E8



696969



# Same Dimension

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



7876A0



918ED1



8C76A0



48474F



07008F



01000F



# Inverse Universe

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



A0769E



D18ECE



8AA076



4F474F



8F0088

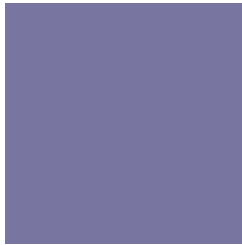


0F000F



# Previews

## White Background



This preview shows how the Hex color 7876A0 looks on a white background.

## Color Contrast Check

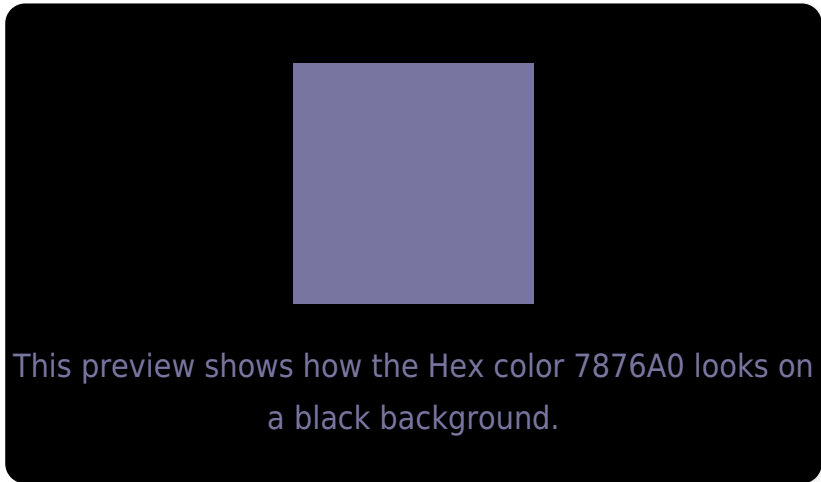
Large Text (above 18pt) WCAG AA ✓ Pass

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

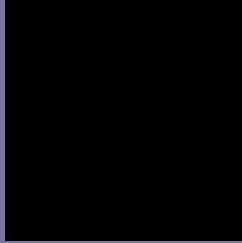
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7876A0 Background



This preview shows how black text looks on a background with the Hex color 7876A0.



This preview shows how white text looks on a background with the Hex color 7876A0.

# 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**  
7876A0

**Protanopia**  
6F79A2

**Deuteranopia**  
7278A0



**Tritanopia**  
737B85

# Trichromacy



**Original Color**  
7876A0

**Protanomaly**  
7278A1

**Deuteranomaly**  
7477A0

**Tritanomaly**  
75798F

# Monochromacy



**Original Color**  
7876A0

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
7A7988

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7876A0 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 #7876A0 looks like.

```
.text, #text, p{  
    color:#7876A0  
}
```

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 #7876A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7876A0
}
```

## Border

The CSS property to change the border of an element to Hex 7876A0 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
#7876A0 }
```

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

```
.border{ border-color:#7876A0 }
```

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

Here you see how a box with a 4 pixel #7876A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7876A0; -webkit-box-shadow:4px 4px  
4px 4px #7876A0; box-shadow:4px 4px 4px  
4px #7876A0 }
```

# Background

The CSS property to change the background color of an element to Hex 7876A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7876A0 }
```

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

```
.background{ background-color:#7876A0 }
```

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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