

# Converting Colors

Hex(786A80)

Have a look what the booklet for  
Hex(786A80) contains.

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# Color

**Hex(786A80)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	786A80
RGB	120, 106, 128
RGB Percent	47%, 42%, 50%
CMY	0.5294, 0.5843, 0.4980
CMYK	0.06, 0.17, 0.00, 0.50
HSL	278°, 9%, 46%
HSV	278°, 17%, 50%
XYZ	16.7960, 15.8597, 22.5980
YIQ	112.6940, 1.2820, 9.8100

# Conversions

## Conversions Part 2

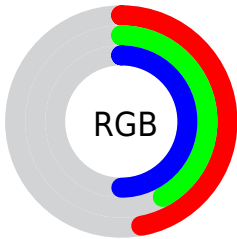
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 106, 128
Decimal	7891584
CIE Lab	46.79, 9.94, -10.15
CIE LCh	47, 14.207, 314.376
Yxy	15.8597, 0.3040, 0.2870
Android (android.graphics.Color)	4286081664 (0xFF786A80)
YUV	112.6940, 7.5459, 6.4074
Hunter-Lab	39.8242, 5.5910, -5.7669

# Details

The Hex color **786A80** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **72806A**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **AC9DB5**, and **473B4F** is the 20% darker color. If you saturate the color by 10%, you get **735D80**, and if you desaturate by 10%, it is **7D7780**.

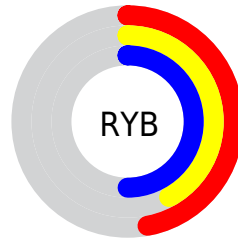
# Distribution



Red (47%)

Green (42%)

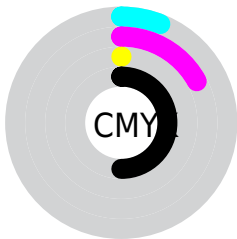
Blue (50%)



Red (47%)

Yellow (42%)

Blue (50%)

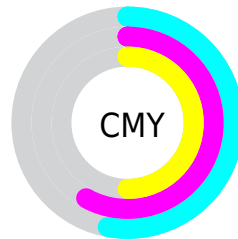


Cyan (6%)

Magenta (17%)

Yellow (0%)

Black (50%)



Cyan (53%)

Magenta (58%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 786A80 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 786A80 by changing the saturation by 10% instead.



■ 786A80

■ 786A80

FFFFFF

■ 5F5267

■ AC9DB5

■ 473B4F

■ C8B8D0

■ 312538

■ E4D4ED

■ 1C1122

■ FFF0FF

■ 00000B

■ 000000

■ 786A80

■ 786A80

■ 735D80

■ 7D7780

■ 6F5080

■ 818480

6A4480

869080

653780

8B9D80

612A80

8FAA80

5C1D80

94B780

571080

99C480

530480

9DD080

510080

A2DD80

# Harmonies

## Analogous

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



696E86



786A80



836776

# Triad

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



786A80



7E6C58



4F7674

# Complementary

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



786A80



72806A

# 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.



587568



786A80



727058

# Square

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



786A80



86685F



64735E



50757F

# Rectangle

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



786A80



87666E



64735E



517670



# Sweetspot

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



786A80



A39DA6



6A7280



524F54



D4D4D4



545454



# Same Dimension

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



786A80



9983A6



806A7D



3D3940



510080



000000



# Inverse Universe

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



806A72



A68390



6A806D



40393C



80002E

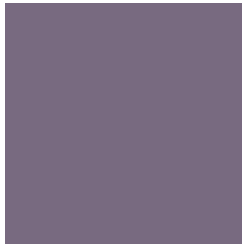


000000



# Previews

## White Background



This preview shows how the Hex color 786A80 looks on a white background.

## Color Contrast Check

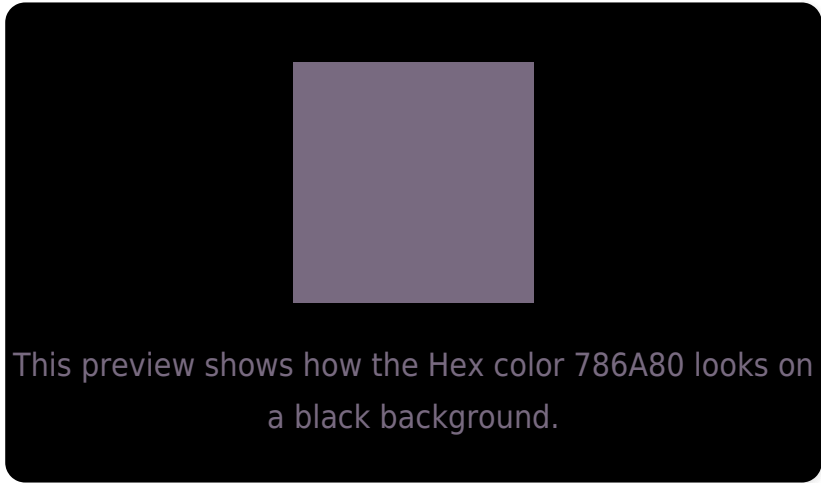
Large Text (above 18pt) WCAG AA ✓ Pass

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

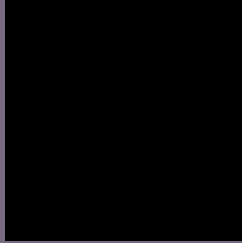
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 786A80 Background



This preview shows how black text looks on a background with the Hex color 786A80.



This preview shows how white text looks on a background with the Hex color 786A80.

# 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**

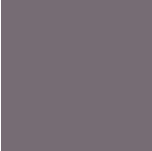
786A80

**Protanopia**

6B6E83

**Deuteranopia**

726C80



**Tritanopia**  
766C74

# Trichromacy



**Original Color**

786A80

**Protanomaly**

706D82

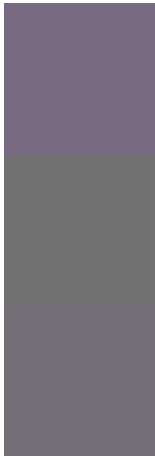
**Deuteranomaly**

746B80

**Tritanomaly**

776B78

# Monochromacy



**Original Color**

786A80

**Achromatopsia**

717171

**Achromatomaly**

746E76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 786A80 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 #786A80 looks like.

```
.text, #text, p{  
    color:#786A80  
}
```

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 #786A80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786A80
}
```

## Border

The CSS property to change the border of an element to Hex 786A80 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
#786A80 }
```

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

```
.border{ border-color:#786A80 }
```

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

Here you see how a box with a 4 pixel #786A80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786A80; -webkit-box-shadow:4px 4px  
4px 4px #786A80; box-shadow:4px 4px 4px  
4px #786A80 }
```

# Background

The CSS property to change the background color of an element to Hex 786A80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786A80 }
```

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

```
.background{ background-color:#786A80 }
```

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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