

# Converting Colors

Hex(786280)

Have a look what the booklet for  
Hex(786280) contains.

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# Color

**Hex(786280)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	786280
RGB	120, 98, 128
RGB Percent	47%, 38%, 50%
CMY	0.5294, 0.6157, 0.4980
CMYK	0.06, 0.23, 0.00, 0.50
HSL	284°, 13%, 44%
HSV	284°, 23%, 50%
XYZ	16.0097, 14.2869, 22.3359
YIQ	107.9980, 3.4820, 13.9940

# Conversions

## Conversions Part 2

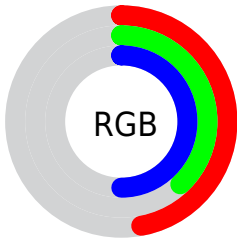
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 98, 128
Decimal	7889536
CIE Lab	44.64, 14.75, -13.40
CIE LCh	45, 19.925, 317.741
Yxy	14.2869, 0.3042, 0.2714
Android (android.graphics.Color)	4286079616 (0xFF786280)
YUV	107.9980, 9.8610, 10.5258
Hunter-Lab	37.7981, 9.4585, -8.5774

# Details

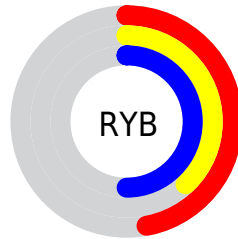
The Hex color **786280** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6A8062**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **AD95B5**, and **47334F** is the 20% darker color. If you saturate the color by 10%, you get **755580**, and if you desaturate by 10%, it is **7B6F80**.

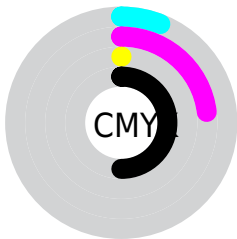
# Distribution



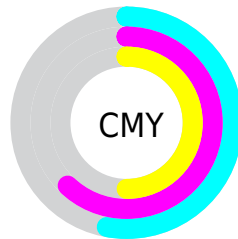
- Red (47%)
- Green (38%)
- Blue (50%)



- Red (47%)
- Yellow (38%)
- Blue (50%)



- Cyan (6%)
- Magenta (23%)
- Yellow (0%)
- Black (50%)



- Cyan (53%)
- Magenta (62%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 786280 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 786280 by changing the saturation by 10% instead.



■ 786280

■ 786280

FFFFFF

■ 5F4A67

■ AD95B5

■ 47334F

■ C8B0D0

■ 301E38

■ E4CBED

■ 1C0722

■ FFE7FF

■ 00000A

■ 000000

■ 786280

■ 786280

■ 755580

■ 7B6F80

■ 714880

■ 7F7C80

6E3C80

828880

6A2F80

869580

672280

89A280

641580

8CAF80

600880

90BC80

5E0080

93C880

97D580

# Harmonies

## Analogous

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



636889



786280



865E71

# Triad

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



786280



7C6649



387373

# Complementary

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



786280



6A8062

# 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.



467262



786280



6B6C4A

# Square

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



786280



876152



587053



397182

# Rectangle

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



786280



8A5D66



587053



3B736D



# Sweetspot

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



786280



A39AA6



626A80



524D54



D4D4D4



545454



# Same Dimension

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



786280



9977A6



806279



3E3940



5E0080



000000



# Inverse Universe

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



80626A



A67784



628069



40393B



800022

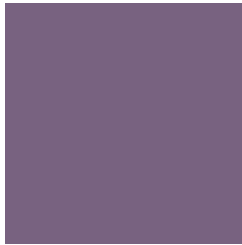


000000



# Previews

## White Background



This preview shows how the Hex color 786280 looks on a white background.

## Color Contrast Check

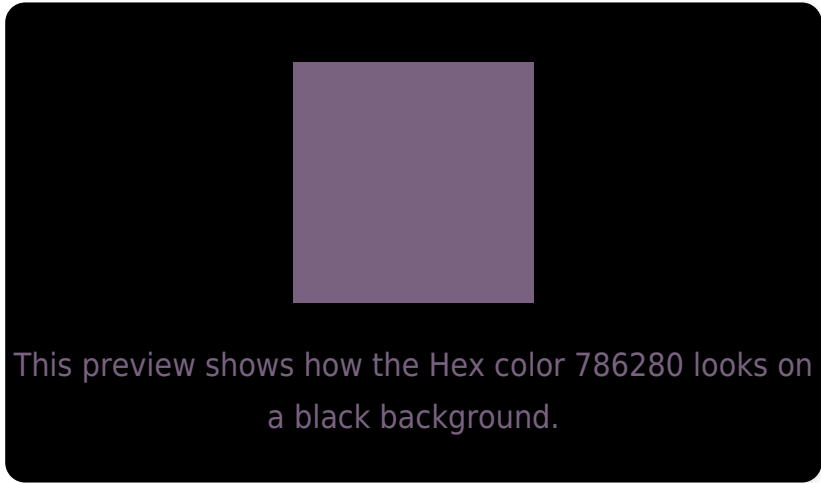
Large Text (above 18pt) WCAG AA ✓ Pass

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

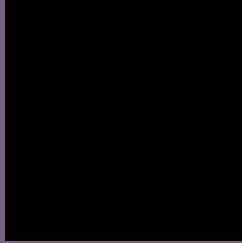
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 786280 Background



This preview shows how black text looks on a background with the Hex color 786280.



This preview shows how white text looks on a background with the Hex color 786280.

# 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**  
786280

**Protanopia**  
636985

**Deuteranopia**  
6A677F



**Tritanopia**  
75656D

# Trichromacy



**Original Color**  
786280

**Protanomaly**  
6B6683

**Deuteranomaly**  
6F657F

**Tritanomaly**  
766474

# Monochromacy



**Original Color**  
786280

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
706873

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 786280 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 #786280 looks like.

```
.text, #text, p{  
    color:#786280  
}
```

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 #786280 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786280
}
```

## Border

The CSS property to change the border of an element to Hex 786280 is called "border". The border property can be set on classes, ids or directly on the HTML element.

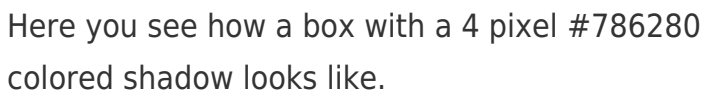
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#786280 }
```

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

```
.border{ border-color:#786280 }
```

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



Here you see how a box with a 4 pixel `#786280` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786280; -webkit-box-shadow:4px 4px  
4px 4px #786280; box-shadow:4px 4px 4px  
4px #786280 }
```

# Background

The CSS property to change the background color of an element to Hex 786280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786280 }
```

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

```
.background{ background-color:#786280 }
```

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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