

# Converting Colors

Hex(7B6C88)

Have a look what the booklet for  
Hex(7B6C88) contains.

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# Color

**Hex(7B6C88)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B6C88
RGB	123, 108, 136
RGB Percent	48%, 42%, 53%
CMY	0.5176, 0.5765, 0.4667
CMYK	0.10, 0.21, 0.00, 0.47
HSL	272°, 11%, 48%
HSV	272°, 21%, 53%
XYZ	17.9749, 16.7137, 25.5712
YIQ	115.6770, -0.0480, 11.8880

# Conversions

## Conversions Part 2

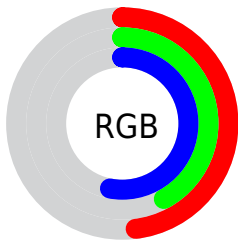
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 108, 136
Decimal	8088712
CIE <sub>Lab</sub>	47.90, 11.58, -13.23
CIE <sub>LCh</sub>	48, 17.579, 311.201
Yxy	16.7137, 0.2983, 0.2774
Android (android.graphics.Color)	4286278792 (0xFF7B6C88)
YUV	115.6770, 10.0192, 6.4223
Hunter-Lab	40.8823, 6.9376, -8.4673

# Details

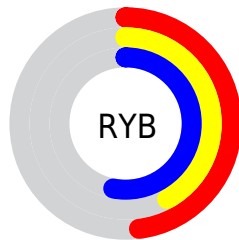
The Hex color **7B6C88** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **79886C**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **B09FBD**, and **4A3D56** is the 20% darker color. If you saturate the color by 10%, you get **755E88**, and if you desaturate by 10%, it is **817A88**.

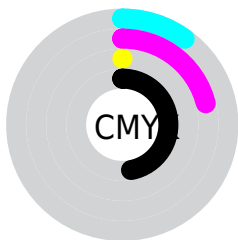
# Distribution



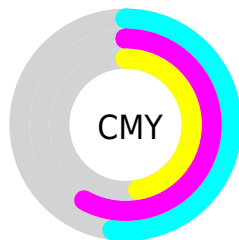
- Red (48%)
- Green (42%)
- Blue (53%)



- Red (48%)
- Yellow (42%)
- Blue (53%)



- Cyan (10%)
- Magenta (21%)
- Yellow (0%)
- Black (47%)



- Cyan (52%)
- Magenta (58%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B6C88 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 7B6C88 by changing the saturation by 10% instead.



■ 7B6C88

■ 7B6C88

FFFFFF

■ 62546F

■ B09FBD

■ 4A3D56

■ CBBAD9

■ 33273F

■ E7D6F6

■ 1E1229

■ FFF3FF

■ 000014

■ 000000

■ 7B6C88

■ 7B6C88

■ 755E88

■ 817A88

■ 6E5188

■ 888788

684388

8E9588

623688

94A288

5B2888

9BB088

551A88

A1BE88

4F0D88

A7CB88

490088

AED988

B4E688

# Harmonies

## Analogous

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



67718F



7B6C88



89687C

# Triad

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



7B6C88



856E56



4A7A77

# Complementary

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



7B6C88



79886C

# 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.



567968



7B6C88



777255

# Square

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



7B6C88



8E695F



66775B



487985

# Rectangle

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



7B6C88



8F6772



66775B



4D7A72



# Sweetspot

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



7B6C88



ABA5B0



6C7988



565359



D9D9D9



595959



# Same Dimension

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



7B6C88



9C84B0



886C87



423E45



470085



030005



# Inverse Universe

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



886C79



B08498



6C886D



453E41



85003E

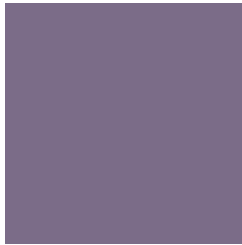


050002



# Previews

## White Background



This preview shows how the Hex color 7B6C88 looks on a white background.

## Color Contrast Check

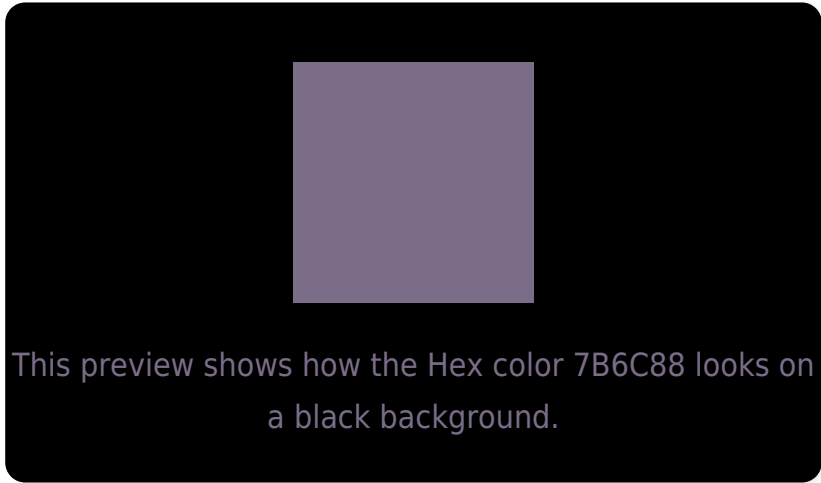
Large Text (above 18pt) WCAG AA ✓ Pass

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

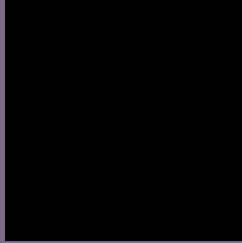
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B6C88 Background



This preview shows how black text looks on a background with the Hex color 7B6C88.



This preview shows how white text looks on a background with the Hex color 7B6C88.

# 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**  
7B6C88

**Protanopia**  
6C718B

**Deuteranopia**  
726F87



**Tritanopia**  
786F78

# Trichromacy



**Original Color**  
7B6C88

**Protanomaly**  
716F8A

**Deuteranomaly**  
756E87

**Tritanomaly**  
796E7E

# Monochromacy



**Original Color**  
7B6C88

**Achromatopsia**  
747474

**Achromatomaly**  
77717B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B6C88 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 #7B6C88 looks like.

```
.text, #text, p{  
    color:#7B6C88  
}
```

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 #7B6C88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B6C88
}
```

## Border

The CSS property to change the border of an element to Hex 7B6C88 is called "border". The border property can be set on classes, ids or directly on the HTML element.

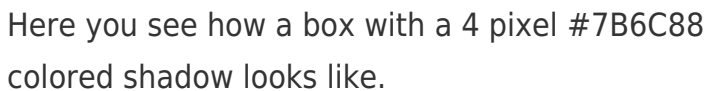
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B6C88 }
```

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

```
.border{ border-color:#7B6C88 }
```

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



Here you see how a box with a 4 pixel `#7B6C88` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B6C88; -webkit-box-shadow:4px 4px  
4px 4px #7B6C88; box-shadow:4px 4px 4px  
4px #7B6C88 }
```

# Background

The CSS property to change the background color of an element to Hex 7B6C88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B6C88 }
```

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

```
.background{ background-color:#7B6C88 }
```

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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