

# Converting Colors

Hex(6B807D)

Have a look what the booklet for  
Hex(6B807D) contains.

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# Color

**Hex(6B807D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B807D
RGB	107, 128, 125
RGB Percent	42%, 50%, 49%
CMY	0.5804, 0.4980, 0.5098
CMYK	0.16, 0.00, 0.02, 0.50
HSL	171°, 9%, 46%
HSV	171°, 16%, 50%
XYZ	17.4842, 20.0448, 22.3496
YIQ	121.3790, -11.5530, -5.3850

# Conversions

## Conversions Part 2

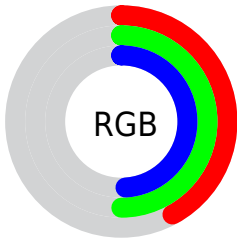
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 118, 128
Decimal	7045245
CIE <sub>Lab</sub>	51.89, -8.26, -0.93
CIE <sub>LCh</sub>	52, 8.309, 186.423
Yxy	20.0448, 0.2920, 0.3348
Android (android.graphics.Color)	4285235325 (0xFF6B807D)
YUV	121.3790, 1.7852, -12.6104
Hunter-Lab	44.7714, -8.6418, 1.7429

# Details

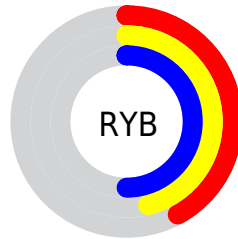
The Hex color **6B807D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **806B6E**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **9FB5B2**, and **3B4F4C** is the 20% darker color. If you saturate the color by 10%, you get **5E807B**, and if you desaturate by 10%, it is **78807F**.

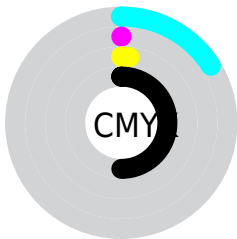
# Distribution



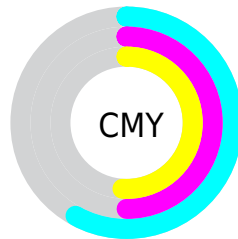
- Red (42%)
- Green (50%)
- Blue (49%)



- Red (42%)
- Yellow (46%)
- Blue (50%)



- Cyan (16%)
- Magenta (0%)
- Yellow (2%)
- Black (50%)



- Cyan (58%)
- Magenta (50%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B807D 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 6B807D by changing the saturation by 10% instead.





6B807D



6B807D

FFFFFF



536764



9FB5B2



3B4F4C



BAD0CD



253836



D5EDE9



102220



F2FFFF



000D09



000000



6B807D



6B807D



5E807B



78807F



518079



858081

458078

918082

388076

9E8084

2B8074

AB8086

1E8072

B88088

118070

C5808A

05806E

D1808C

00806E

DE808D

# Harmonies

## Analogous

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



707F76



6B807D



6A7F84

# Triad

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



6B807D



7F7987



87796F

# Complementary

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



6B807D



806B6E

# 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.



8B7874



6B807D



877882

# Square

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



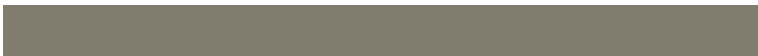
6B807D



767C8A



8B777A



807C6E

# Rectangle

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



6B807D



6C7F87



8B777A



897970



# Sweetspot

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



6B807D



9DA6A5



6E806B



4F5453



D4D4D4



545454



# Same Dimension

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



6B807D



85A6A1



6B7980



39403F



00806D



000000



# Inverse Universe

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



806B6E



A68589



80726B



40393A



800012



000000



# Previews

## White Background



This preview shows how the Hex color 6B807D looks on a white background.

## Color Contrast Check

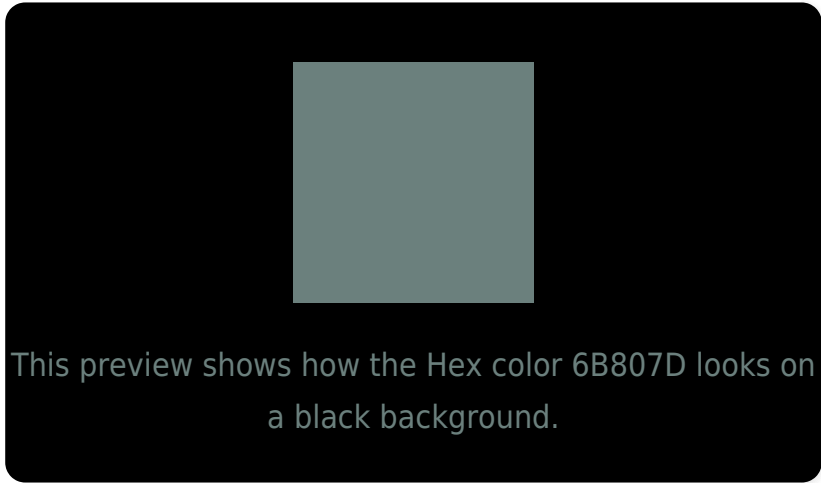
Large Text (above 18pt) WCAG AA ✓ Pass

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

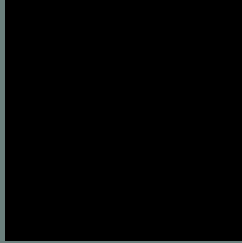
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

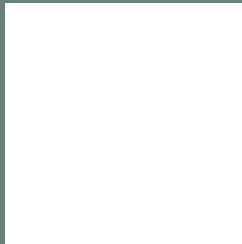
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B807D Background



This preview shows how black text looks on a background with the Hex color 6B807D.

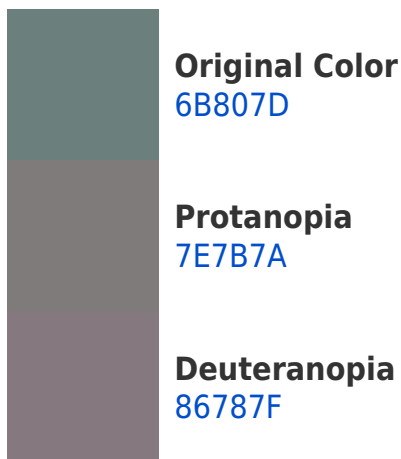


This preview shows how white text looks on a background with the Hex color 6B807D.

# 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](#).

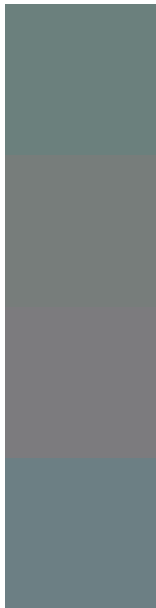
## Dichromacy





**Tritanopia**  
6D7E88

# Trichromacy



**Original Color**  
6B807D

**Protanomaly**  
777D7B

**Deuteranomaly**  
7C7B7E

**Tritanomaly**  
6C7F84

# Monochromacy



**Original Color**  
6B807D

**Achromatopsia**  
797979

**Achromatomaly**  
747C7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B807D 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 #6B807D looks like.

```
.text, #text, p{  
    color:#6B807D  
}
```

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 #6B807D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B807D
}
```

## Border

The CSS property to change the border of an element to Hex 6B807D 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
#6B807D }
```

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

```
.border{ border-color:#6B807D }
```

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

Here you see how a box with a 4 pixel #6B807D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B807D; -webkit-box-shadow:4px 4px  
4px 4px #6B807D; box-shadow:4px 4px 4px  
4px #6B807D }
```

# Background

The CSS property to change the background color of an element to Hex 6B807D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B807D }
```

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

```
.background{ background-color:#6B807D }
```

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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