

# Converting Colors

Hex(6D7B7B)

Have a look what the booklet for  
Hex(6D7B7B) contains.

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# Color

**Hex(6D7B7B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D7B7B
RGB	109, 123, 123
RGB Percent	43%, 48%, 48%
CMY	0.5725, 0.5176, 0.5176
CMYK	0.11, 0.00, 0.00, 0.52
HSL	180°, 6%, 45%
HSV	180°, 11%, 48%
XYZ	16.9648, 18.8472, 21.4826
YIQ	118.8140, -8.3440, -2.9680

# Conversions

## Conversions Part 2

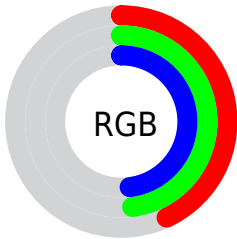
Format	Color
<a href="#">RYB</a>	<a href="#">109, 116, 123</a>
Decimal	<a href="#">7175035</a>
CIELab	<a href="#">50.51, -5.15, -1.76</a>
CIElCh	<a href="#">51, 5.447, 198.886</a>
Yxy	<a href="#">18.8472, 0.2961, 0.3290</a>
Android (android.graphics.Color)	<a href="#">4285365115</a> ( <a href="#">0xFF6D7B7B</a> )
YUV	<a href="#">118.8140, 2.0637, -8.6069</a>
Hunter-Lab	<a href="#">43.4133, -6.2203, 1.0503</a>

# Details

The Hex color **6D7B7B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7B6D6D**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **A1AFAF**, and **3D4A4A** is the 20% darker color. If you saturate the color by 10%, you get **617B7B**, and if you desaturate by 10%, it is **797B7B**.

# Distribution



Red (43%)

Green (48%)

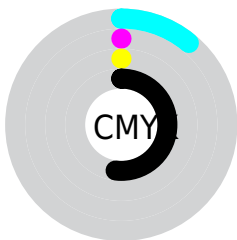
Blue (48%)



Red (43%)

Yellow (45%)

Blue (48%)

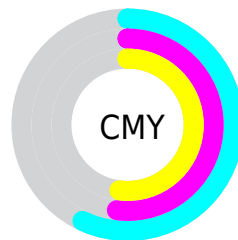


Cyan (11%)

Magenta (0%)

Yellow (0%)

Black (52%)



Cyan (57%)

Magenta (52%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D7B7B 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 6D7B7B by changing the saturation by 10% instead.



6D7B7B

6D7B7B

FFFFFF

556262

A1AFAF

3D4A4A

BCCBCB

273434

D7E7E7

131F1F

F4FFFF

000406

000000

6D7B7B

6D7B7B

617B7B

797B7B

547B7B

867B7B

487B7B

927B7B

3C7B7B

9E7B7B

2F7B7B

AB7B7B

237B7B

B77B7B

177B7B

C37B7B

0B7B7B

CF7B7B

007B7B

DC7B7B

# Harmonies

## Analogous

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



6F7B76



6D7B7B



6E7A7F

# Triad

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



6D7B7B



7D767E



7E776F

# Complementary

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



6D7B7B



7B6D6D

# 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.



817671



6D7B7B



81757A

# Square

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



6D7B7B



777881



827575



79796F

# Rectangle

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



6D7B7B



707A81



827575



7F7770



# Sweetspot

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



6D7B7B



9CA1A1



6D7B6D



4E5252



D1D1D1



525252



# Same Dimension

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



6D7B7B



8AA1A1



6D747B



373D3D



007D7D



00FCFC



# Inverse Universe

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



7B6D7B



A18AA1



7B746D



3D373D



7D007D



FC00FC



# Previews

## White Background



This preview shows how the Hex color 6D7B7B looks on a white background.

## Color Contrast Check

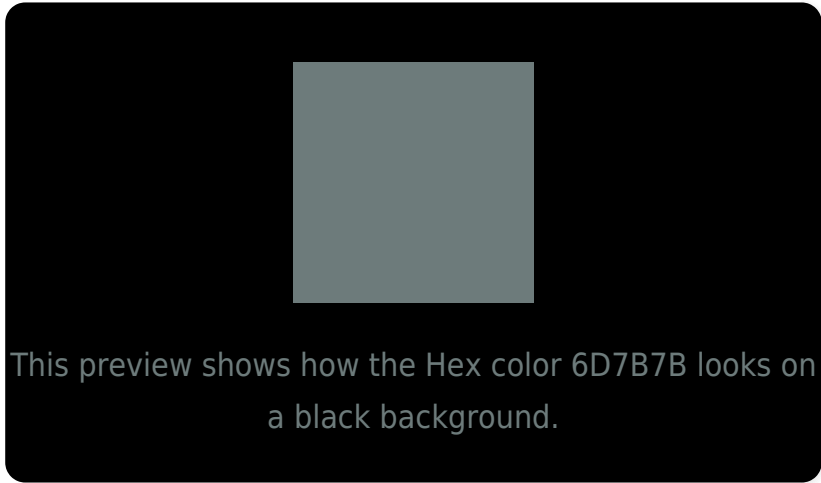
Large Text (above 18pt) WCAG AA ✓ Pass

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 6D7B7B Background



This preview shows how black text looks on a background with the Hex color 6D7B7B.



This preview shows how white text looks on a background with the Hex color 6D7B7B.

# 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](#).

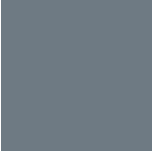
## Dichromacy



**Original Color**  
6D7B7B

**Protanopia**  
7A7779

**Deuteranopia**  
82747C



**Tritanopia**  
6E7A83

# Trichromacy



**Original Color**  
6D7B7B

**Protanomaly**  
75787A

**Deuteranomaly**  
7A777C

**Tritanomaly**  
6E7A80

# Monochromacy



**Original Color**  
6D7B7B

**Achromatopsia**  
777777

**Achromatomaly**  
737878

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D7B7B 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 #6D7B7B looks like.

```
.text, #text, p{  
    color:#6D7B7B  
}
```

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 #6D7B7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D7B7B
}
```

## Border

The CSS property to change the border of an element to Hex 6D7B7B 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
#6D7B7B }
```

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

```
.border{ border-color:#6D7B7B }
```

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

Here you see how a box with a 4 pixel #6D7B7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D7B7B; -webkit-box-shadow:4px 4px  
4px 4px #6D7B7B; box-shadow:4px 4px 4px  
4px #6D7B7B }
```

# Background

The CSS property to change the background color of an element to Hex 6D7B7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D7B7B }
```

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

```
.background{ background-color:#6D7B7B }
```

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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