

Converting Colors

Hex(6D7A98)

Have a look what the booklet for
Hex(6D7A98) contains.

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Color

Hex(6D7A98)

Conversions

Conversions Part 1

Format	Color
Hex	6D7A98
RGB	109, 122, 152
RGB Percent	43%, 48%, 60%
CMY	0.5725, 0.5216, 0.4039
CMYK	0.28, 0.20, 0.00, 0.40
HSL	222°, 17%, 51%
HSV	222°, 28%, 60%
XYZ	18.9337, 19.4373, 32.4596
YIQ	121.5330, -17.3780, 6.5740

Conversions

Conversions Part 2

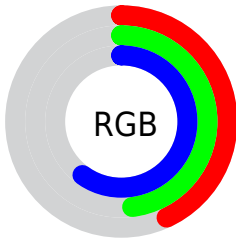
Format	Color
R_{YB}	109, 119, 152
Decimal	7174808
CIE Lab	51.19, 2.38, -17.75
CIE LCh	51, 17.911, 277.636
Yxy	19.4373, 0.2673, 0.2744
Android (android.graphics.Color)	4285364888 (0xFF6D7A98)
YUV	121.5330, 15.0202, -10.9914
Hunter-Lab	44.0877, -0.4958, -12.7909

Details

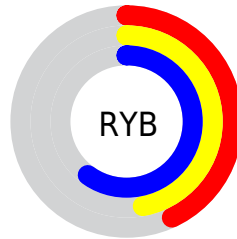
The Hex color **6D7A98** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **988B6D**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **A1AECE**, and **3C4A65** is the 20% darker color. If you saturate the color by 10%, you get **5E6F98**, and if you desaturate by 10%, it is **7C8598**.

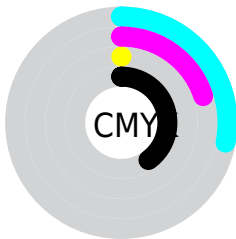
Distribution



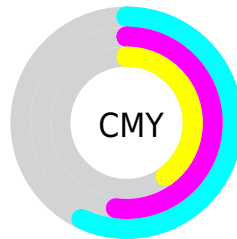
- Red (43%)
- Green (48%)
- Blue (60%)



- Red (43%)
- Yellow (47%)
- Blue (60%)



- Cyan (28%)
- Magenta (20%)
- Yellow (0%)
- Black (40%)



- Cyan (57%)
- Magenta (52%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D7A98 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 6D7A98 by changing the saturation by 10% instead.

■ 6D7A98

■ 6D7A98

FFFFFF

■ 54617E

■ A1AECE

■ 3C4A65

■ BDCAEB

■ 25334D

■ D9E6FF

■ 0D1E36

■ F5FFFF

■ 000421

■ 000006

■ 000000

■ 6D7A98

■ 6D7A98

■ 5E6F98

■ 7C8598

■ 4F6598

■ 8B8F98

■ 3F5A98

■ 9B9A98

■ 305098

■ AAA498

■ 214598

■ B9AF98

■ 123A98

■ C8BA98

■ 033098

■ D7C498

■ 002E98

■ E7CF98

■ F6D998

Harmonies

Analogous

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



597F96



6D7A98



817592

Triad

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



6D7A98



987168



5F826E

Complementary

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



6D7A98



988B6D

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.



707F61



6D7A98



8F755E

Square

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



6D7A98



996F77



817A5C



52837D

Rectangle

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



6D7A98



8D728B



817A5C



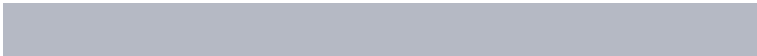
658169

Sweetspot

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



6D7A98



B5B9C4



6D988A



5A5D63



E3E3E3



636363

Same Dimension

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



6D7A98



8296C4



756D98



45474D



002A8C



00040D

Inverse Universe

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



986D7A



C48296



90986D



4D4547



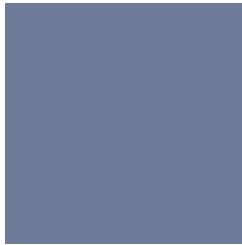
8C002A



0D0004

Previews

White Background



This preview shows how the Hex color 6D7A98 looks on a white background.

Color Contrast Check

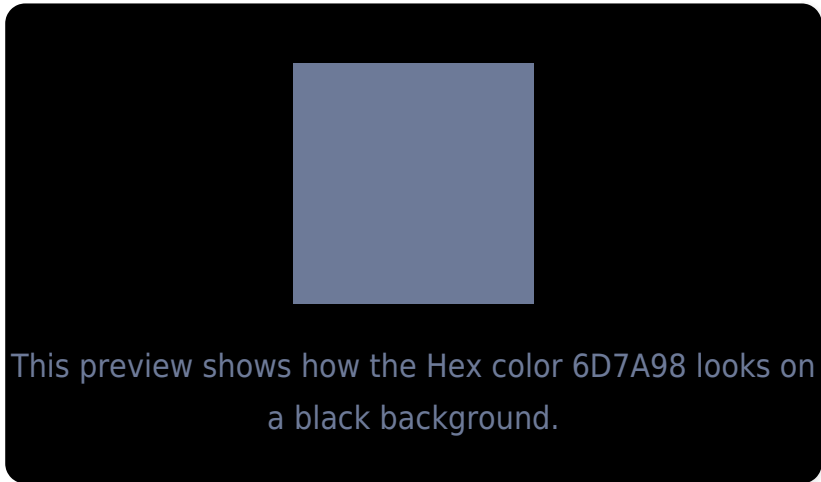
Large Text (above 18pt) WCAG AA ✓ Pass

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

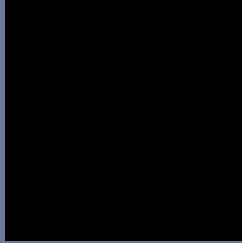
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

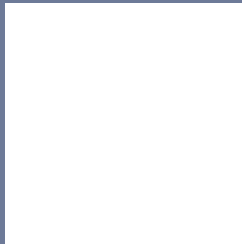
Any Text WCAG AAA × Fail

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

Hex 6D7A98 Background



This preview shows how black text looks on a background with the Hex color 6D7A98.

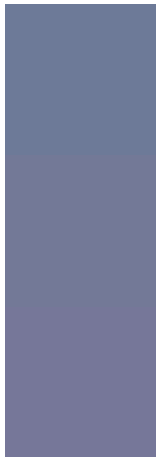


This preview shows how white text looks on a background with the Hex color 6D7A98.

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](#).

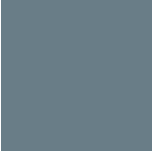
Dichromacy



Original Color
6D7A98

Protanopia
737997

Deuteranopia
767799



Tritanopia
697D87

Trichromacy



Original Color
6D7A98

Protanomaly
717997

Deuteranomaly
737899

Tritanomaly
6A7C8D

Monochromacy



Original Color
6D7A98

Achromatopsia
7A7A7A

Achromatomaly
757A85

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D7A98 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 #6D7A98 looks like.

```
.text, #text, p{  
    color:#6D7A98  
}
```

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 #6D7A98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D7A98
}
```

Border

The CSS property to change the border of an element to Hex 6D7A98 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".

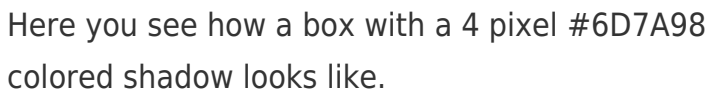
```
.border, #border, table{ border:4px solid
#6D7A98 }
```

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

```
.border{ border-color:#6D7A98 }
```

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

Here you see how a box with a 4 pixel #6D7A98 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D7A98; -webkit-box-shadow:4px 4px  
4px 4px #6D7A98; box-shadow:4px 4px 4px  
4px #6D7A98 }
```

Background

The CSS property to change the background color of an element to Hex 6D7A98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D7A98 }
```

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

```
.background{ background-color:#6D7A98 }
```

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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