

# Converting Colors

Hex(6D7F8C)

Have a look what the booklet for  
Hex(6D7F8C) contains.

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# Color

Hex(6D7F8C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D7F8C
RGB	109, 127, 140
RGB Percent	43%, 50%, 55%
CMY	0.5725, 0.5020, 0.4510
CMYK	0.22, 0.09, 0.00, 0.45
HSL	205°, 12%, 49%
HSV	205°, 22%, 55%
XYZ	18.6297, 20.3234, 27.7519
YIQ	123.1000, -14.9010, 0.2270

# Conversions

## Conversions Part 2

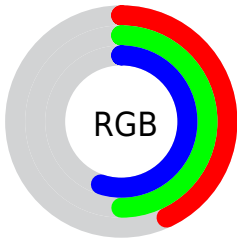
Format	Color
<a href="#">RYB</a>	<a href="#">109, 120, 140</a>
Decimal	<a href="#">7176076</a>
CIELab	<a href="#">52.20, -3.53, -9.22</a>
CIELCh	<a href="#">52, 9.870, 249.059</a>
Yxy	<a href="#">20.3234, 0.2793, 0.3047</a>
Android (android.graphics.Color)	<a href="#">4285366156</a> (0xFF6D7F8C)
YUV	<a href="#">123.1000, 8.3317, -12.3657</a>
Hunter-Lab	<a href="#">45.0815, -5.1285, -4.9415</a>

# Details

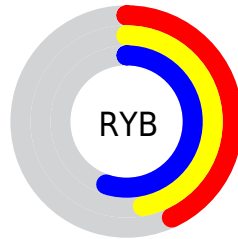
The Hex color **6D7F8C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8C7A6D**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **A1B4C2**, and **3D4E5A** is the 20% darker color. If you saturate the color by 10%, you get **5F798C**, and if you desaturate by 10%, it is **7B858C**.

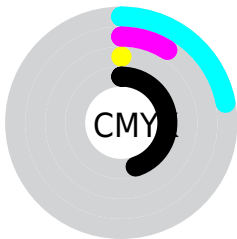
# Distribution



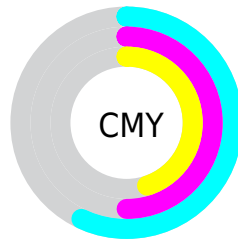
- Red (43%)
- Green (50%)
- Blue (55%)



- Red (43%)
- Yellow (47%)
- Blue (55%)



- Cyan (22%)
- Magenta (9%)
- Yellow (0%)
- Black (45%)



- Cyan (57%)
- Magenta (50%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D7F8C 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 6D7F8C by changing the saturation by 10% instead.



■ 6D7F8C

■ 6D7F8C

FFFFFF

■ 546673

■ A1B4C2

■ 3D4E5A

■ BCCFDD

■ 263743

■ D8EBFA

■ 10222C

■ F5FFFF

■ 000C18

■ 000000

■ 6D7F8C

■ 6D7F8C

■ 5F798C

■ 7B858C

■ 51738C

■ 898B8C

■ 436D8C

■ 97918C

■ 35688C

■ A5968C

■ 27628C

■ B39C8C

■ 195C8C

■ C1A28C

■ 0B568C

■ CFA88C

■ 00518C

■ DDAE8C

■ EBB48C

# Harmonies

## Analogous

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



688187



6D7F8C



777C8D

# Triad

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



6D7F8C



8E777A



777F6F

# Complementary

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



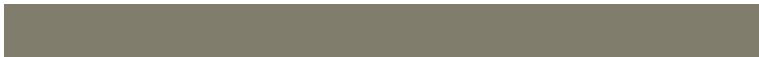
6D7F8C



8C7A6D

# 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.



817D6C



6D7F8C



8E7872

# Square

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



6D7F8C



8A7783



897A6D



6E8176

# Rectangle

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



6D7F8C



7E7A8B



897A6D



7A7E6E



# Sweetspot

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



6D7F8C



A8B0B5



6D8C7A



54595C



DBDBDB



5C5C5C



# Same Dimension

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



6D7F8C



84A1B5



6D708C



3E4245



004D85



000305



# Inverse Universe

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



8C6D7F



B584A1



8C896D



453E42



85004D



050003



# Previews

## White Background



This preview shows how the Hex color 6D7F8C looks on a white background.

## Color Contrast Check

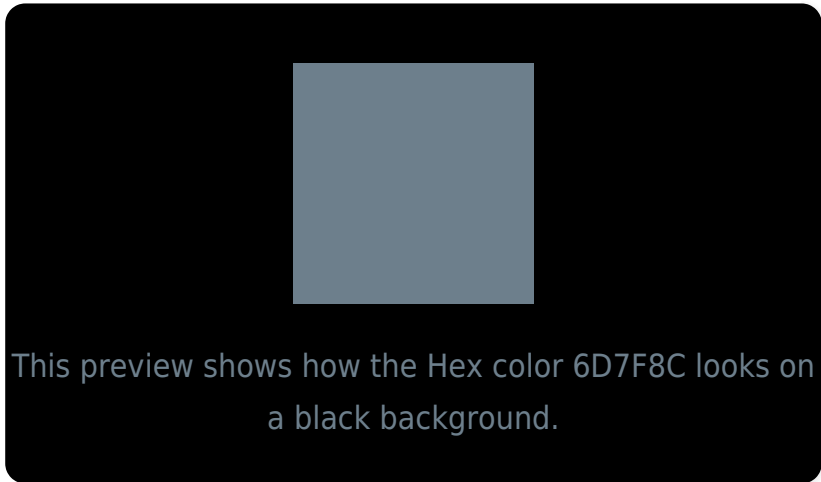
Large Text (above 18pt) WCAG AA ✓ Pass

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

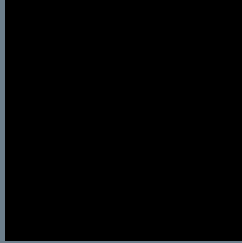
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

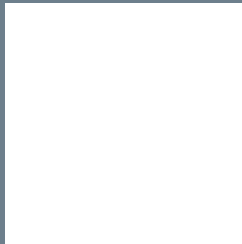
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6D7F8C Background



This preview shows how black text looks on a background with the Hex color 6D7F8C.



This preview shows how white text looks on a background with the Hex color 6D7F8C.

# 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**  
6D7F8C

**Protanopia**  
7B7B8A

**Deuteranopia**  
80798D



**Tritanopia**  
6D7F8A

# Trichromacy



**Original Color**  
6D7F8C

**Protanomaly**  
767C8B

**Deuteranomaly**  
797B8D

**Tritanomaly**  
6D7F8B

# Monochromacy



**Original Color**  
6D7F8C

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
767C81

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D7F8C 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 #6D7F8C looks like.

```
.text, #text, p{  
    color:#6D7F8C  
}
```

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 #6D7F8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D7F8C
}
```

## Border

The CSS property to change the border of an element to Hex 6D7F8C is called "border". The border property can be set on classes, ids or directly on the HTML element.

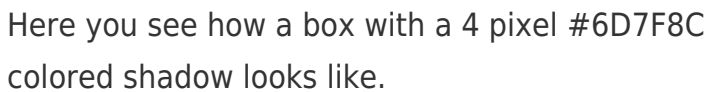
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D7F8C }
```

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

```
.border{ border-color:#6D7F8C }
```

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



Here you see how a box with a 4 pixel #6D7F8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D7F8C; -webkit-box-shadow:4px 4px  
4px 4px #6D7F8C; box-shadow:4px 4px 4px  
4px #6D7F8C }
```

# Background

The CSS property to change the background color of an element to Hex 6D7F8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D7F8C }
```

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

```
.background{ background-color:#6D7F8C }
```

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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