

# Converting Colors

Hex(6B7F88)

Have a look what the booklet for  
Hex(6B7F88) contains.

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# Color

**Hex(6B7F88)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B7F88
RGB	107, 127, 136
RGB Percent	42%, 50%, 53%
CMY	0.5804, 0.5020, 0.4667
CMYK	0.21, 0.07, 0.00, 0.47
HSL	199°, 12%, 48%
HSV	199°, 21%, 53%
XYZ	18.0967, 20.0821, 26.2150
YIQ	122.0460, -14.8090, -1.4410

# Conversions

## Conversions Part 2

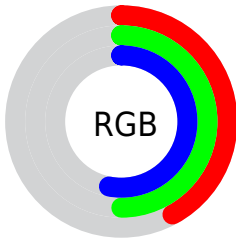
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 119, 136
Decimal	7045000
CIE <sub>Lab</sub>	51.93, -5.16, -7.30
CIE <sub>LCh</sub>	52, 8.938, 234.766
Yxy	20.0821, 0.2810, 0.3119
Android (android.graphics.Color)	4285235080 (0xFF6B7F88)
YUV	122.0460, 6.8793, -13.1953
Hunter-Lab	44.8131, -6.3398, -3.3146

# Details

The Hex color **6B7F88** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **88746B**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **9FB4BD**, and **3B4E56** is the 20% darker color. If you saturate the color by 10%, you get **5D7B88**, and if you desaturate by 10%, it is **798388**.

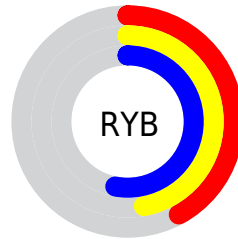
# Distribution



Red (42%)

Green (50%)

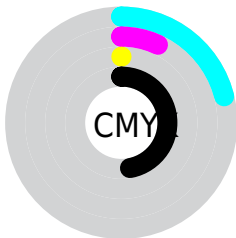
Blue (53%)



Red (42%)

Yellow (47%)

Blue (53%)

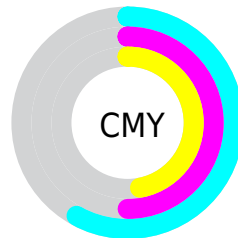


Cyan (21%)

Magenta (7%)

Yellow (0%)

Black (47%)



Cyan (58%)

Magenta (50%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B7F88 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 6B7F88 by changing the saturation by 10% instead.



6B7F88

6B7F88

FFFFFF

52666F

9FB4BD

3B4E56

BACFD9

24373F

D6EBF6

0F2229

F2FFFF

000C15

000000

6B7F88

6B7F88

5D7B88

798388

507788

868788

■ 427288

■ 948C88

■ 356E88

■ A19088

■ 276A88

■ AF9488

■ 196688

■ BD9888

■ 0C6188

■ CA9D88

■ 005E88

■ D8A188

■ E5A588

# Harmonies

## Analogous

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



698082



6B7F88



727D8B

# Triad

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



6B7F88



8B777D



7B7D6E

# Complementary

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



6B7F88



88746B

# 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.



847B6D



6B7F88



8C7776

# Square

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



6B7F88



857885



8A7870



727F73

# Rectangle

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



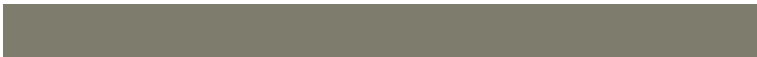
6B7F88



787B8A



8A7870



7E7C6D



# Sweetspot

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



6B7F88



A5ADB0



6B8874



535759



D9D9D9



595959



# Same Dimension

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



6B7F88



82A2B0



6B7188



3E4345



005B85



000405



# Inverse Universe

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



886B7F



B082A2



88826B



453E43



85005B



050004



# Previews

## White Background



This preview shows how the Hex color 6B7F88 looks on a white background.

## Color Contrast Check

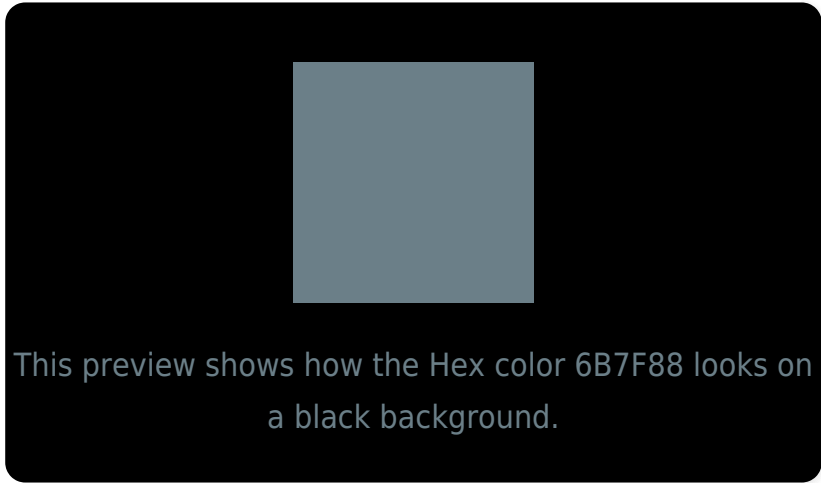
Large Text (above 18pt) WCAG AA ✓ Pass

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

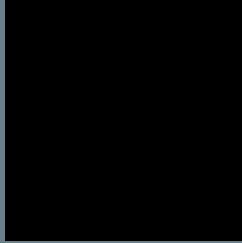
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

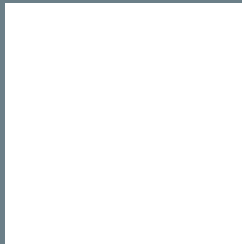
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B7F88 Background



This preview shows how black text looks on a background with the Hex color 6B7F88.

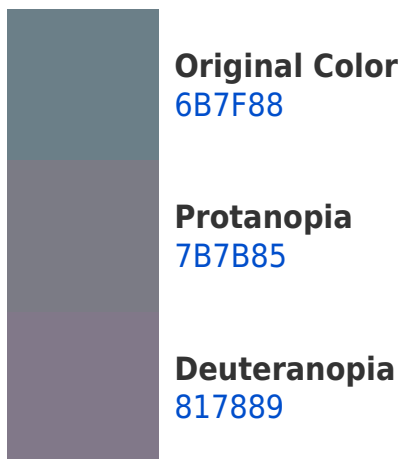


This preview shows how white text looks on a background with the Hex color 6B7F88.

# 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**  
6B7F89

# Trichromacy



**Original Color**  
6B7F88

**Protanomaly**  
757C86

**Deuteranomaly**  
797B89

**Tritanomaly**  
6B7F89

# Monochromacy



**Original Color**  
6B7F88

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
757C7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B7F88 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 #6B7F88 looks like.

```
.text, #text, p{  
    color:#6B7F88  
}
```

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 #6B7F88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7F88  
}
```

## Border

The CSS property to change the border of an element to Hex 6B7F88 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  
#6B7F88 }
```

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

```
.border{ border-color:#6B7F88 }
```

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

Here you see how a box with a 4 pixel #6B7F88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7F88; -webkit-box-shadow:4px 4px  
4px 4px #6B7F88; box-shadow:4px 4px 4px  
4px #6B7F88 }
```

# Background

The CSS property to change the background color of an element to Hex 6B7F88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7F88 }
```

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

```
.background{ background-color:#6B7F88 }
```

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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