

# Converting Colors

Hex(6B768D)

Have a look what the booklet for  
Hex(6B768D) contains.

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# Color

**Hex(6B768D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B768D
RGB	107, 118, 141
RGB Percent	42%, 46%, 55%
CMY	0.5804, 0.5373, 0.4471
CMYK	0.24, 0.16, 0.00, 0.45
HSL	221°, 14%, 49%
HSV	221°, 24%, 55%
XYZ	17.3496, 18.0058, 27.7603
YIQ	117.3330, -13.9390, 4.8210

# Conversions

## Conversions Part 2

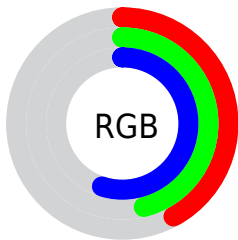
Format	Color
R <sub>Y</sub> B	107, 115, 141
Decimal	7042701
CIE Lab	49.50, 1.29, -13.88
CIE LCh	50, 13.943, 275.308
Yxy	18.0058, 0.2749, 0.2853
Android (android.graphics.Color)	4285232781 (0xFF6B768D)
YUV	117.3330, 11.6678, -9.0620
Hunter-Lab	42.4332, -1.2752, -9.0851

# Details

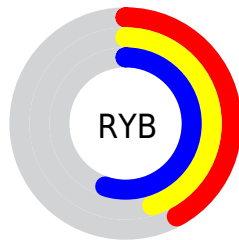
The Hex color **6B768D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8D826B**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **9FAAC3**, and **3B465B** is the 20% darker color. If you saturate the color by 10%, you get **5D6C8D**, and if you desaturate by 10%, it is **79808D**.

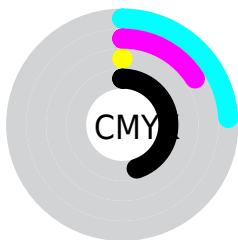
# Distribution



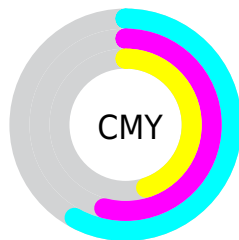
- Red (42%)
- Green (46%)
- Blue (55%)



- Red (42%)
- Yellow (45%)
- Blue (55%)



- Cyan (24%)
- Magenta (16%)
- Yellow (0%)
- Black (45%)



- Cyan (58%)
- Magenta (54%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B768D 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 6B768D by changing the saturation by 10% instead.



■ 6B768D

■ 6B768D

FFFFFF

■ 525D73

■ 9FAAC3

■ 3B465B

■ BAC5DF

■ 243043

■ D6E1FB

■ 0E1B2D

■ F2FEFF

■ 000119

■ 000000

■ 6B768D

■ 6B768D

■ 5D6C8D

■ 79808D

■ 4F638D

■ 87898D

■ 41598D

■ 95938D

■ 33508D

■ A39C8D

■ 25468D

■ B2A68D

■ 163D8D

■ C0AF8D

■ 08338D

■ CEB98D

■ 002E8D

■ DCC28D

■ EACC8D

# Harmonies

## Analogous

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



5D7A8B



6B768D



7A7289

# Triad

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



6B768D



8E6F69



627C6B

# Complementary

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



6B768D



8D826B

# 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.



707962



6B768D



887261

# Square

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



6B768D



8E6D74



7D765E



597D77

# Rectangle

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



6B768D



837083



7D765E



677B68



# Sweetspot

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



6B768D



ABAFB8



6B8D82



54575C



DBDBDB



5C5C5C



# Same Dimension

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



6B768D



8294B8



716B8D



404347



002C87



000208



# Inverse Universe

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



8D6B76



B88294



878D6B



474043



87002C



080002



# Previews

## White Background



This preview shows how the Hex color 6B768D looks on a white background.

## Color Contrast Check

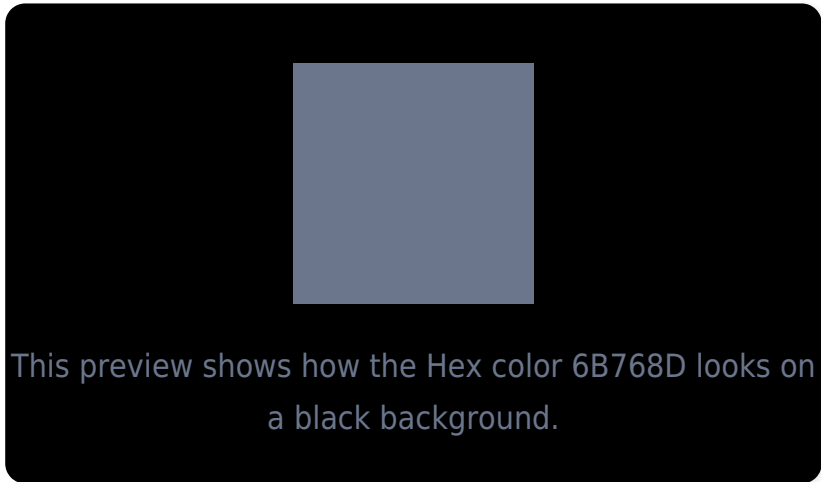
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

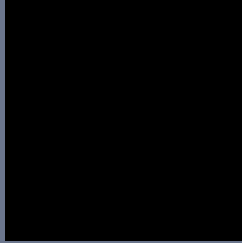
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

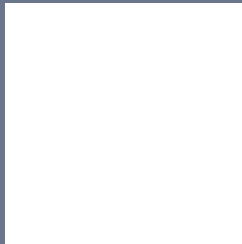
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B768D Background



This preview shows how black text looks on a background with the Hex color 6B768D.



This preview shows how white text looks on a background with the Hex color 6B768D.

# 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**

6B768D

**Protanopia**

71748C

**Deuteranopia**

75738E



**Tritanopia**  
697882

# Trichromacy



**Original Color**  
6B768D

**Protanomaly**  
6F758C

**Deuteranomaly**  
71748E

**Tritanomaly**  
6A7786

# Monochromacy



**Original Color**  
6B768D

**Achromatopsia**  
757575

**Achromatomaly**  
71757E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B768D 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 #6B768D looks like.

```
.text, #text, p{  
    color:#6B768D  
}
```

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 #6B768D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B768D
}
```

## Border

The CSS property to change the border of an element to Hex 6B768D 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
#6B768D }
```

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

```
.border{ border-color:#6B768D }
```

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

Here you see how a box with a 4 pixel #6B768D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B768D; -webkit-box-shadow:4px 4px  
4px 4px #6B768D; box-shadow:4px 4px 4px  
4px #6B768D }
```

# Background

The CSS property to change the background color of an element to Hex 6B768D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B768D }
```

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

```
.background{ background-color:#6B768D }
```

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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