

# Converting Colors

Hex(6B8C9C)

Have a look what the booklet for  
Hex(6B8C9C) contains.

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# Color

Hex(6B8C9C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B8C9C
RGB	107, 140, 156
RGB Percent	42%, 55%, 61%
CMY	0.5804, 0.4510, 0.3882
CMYK	0.31, 0.10, 0.00, 0.39
HSL	200°, 20%, 52%
HSV	200°, 31%, 61%
XYZ	21.4422, 24.2823, 35.0093
YIQ	131.9570, -24.8040, -2.0200

# Conversions

## Conversions Part 2

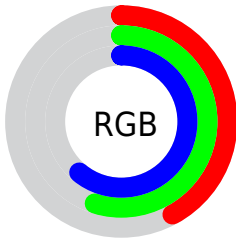
Format	Color
<a href="#">RYB</a>	<a href="#">107, 127, 156</a>
Decimal	<a href="#">7048348</a>
CIELab	<a href="#">56.37, -7.56, -12.24</a>
CIElCh	<a href="#">56, 14.387, 238.307</a>
Yxy	<a href="#">24.2823, 0.2656, 0.3008</a>
Android (android.graphics.Color)	<a href="#">4285238428 (0xFF6B8C9C)</a>
YUV	<a href="#">131.9570, 11.8532, -21.8873</a>
Hunter-Lab	<a href="#">49.2770, -8.5630, -7.6292</a>

# Details

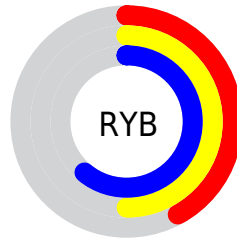
The Hex color **6B8C9C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9C7B6B**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **A0C2D2**, and **395A69** is the 20% darker color. If you saturate the color by 10%, you get **5B879C**, and if you desaturate by 10%, it is **7B919C**.

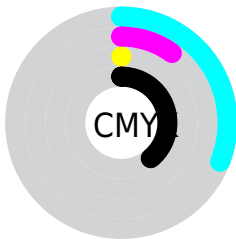
# Distribution



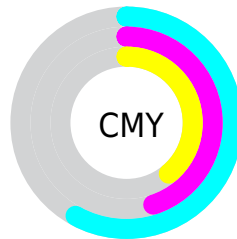
- Red (42%)
- Green (55%)
- Blue (61%)



- Red (42%)
- Yellow (50%)
- Blue (61%)



- Cyan (31%)
- Magenta (10%)
- Yellow (0%)
- Black (39%)



- Cyan (58%)
- Magenta (45%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B8C9C 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 6B8C9C by changing the saturation by 10% instead.



■ 6B8C9C

■ 6B8C9C

FFFFFF

■ 527382

■ A0C2D2

■ 395A69

■ BBDDEF

■ 214351

■ D7FAFF

■ 062C3A

■ F4FFFF

■ 001824

■ 00010E

■ 000000

■ 6B8C9C

■ 6B8C9C

■ 5B879C

■ 7B919C

■ 4C829C

■ 8A969C

■ 3C7D9C

■ 9A9B9C

■ 2D789C

■ A9A09C

■ 1D739C

■ B9A59C

■ 0D6D9C

■ C9AB9C

■ 00699C

■ D8B09C

■ E8B59C

■ F7BA9C

# Harmonies

## Analogous

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



668E93



6B8C9C



7888A0

# Triad

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



6B8C9C



A07F88



848A71

# Complementary

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



6B8C9C



9C7B6B

# 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.



92866E



6B8C9C



A17F7C

# Square

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



6B8C9C



978094



9C8272



768D7A

# Rectangle

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



6B8C9C



83869F



9C8272



89896F



# Sweetspot

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



6B8C9C



BAC6CC



6B9C7B



5B6266



E6E6E6



666666



# Same Dimension

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



6B8C9C



7EB3CC



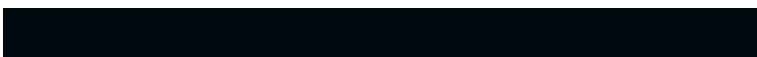
6B749C



474C4F



00608F



000A0F



# Inverse Universe

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



9C6B8C



CC7EB3



9C936B



4F474C



8F0060



0F000A



# Previews

## White Background



This preview shows how the Hex color 6B8C9C looks on a white background.

## Color Contrast Check

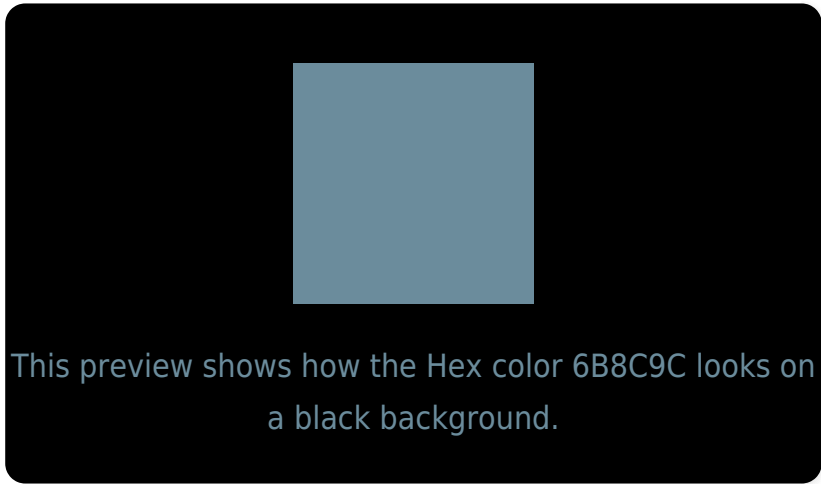
Large Text (above 18pt) WCAG AA ✓ Pass

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

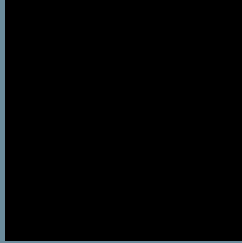
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

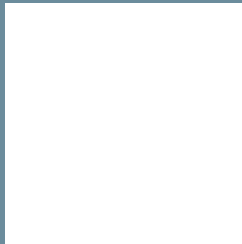
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B8C9C Background



This preview shows how black text looks on a background with the Hex color 6B8C9C.



This preview shows how white text looks on a background with the Hex color 6B8C9C.

# 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**  
6B8C9C

**Protanopia**  
848698

**Deuteranopia**  
89849E



**Tritanopia**  
6A8D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B8C9C 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 #6B8C9C looks like.

```
.text, #text, p{  
    color:#6B8C9C  
}
```

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 #6B8C9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B8C9C
}
```

## Border

The CSS property to change the border of an element to Hex 6B8C9C 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
#6B8C9C }
```

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

```
.border{ border-color:#6B8C9C }
```

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

Here you see how a box with a 4 pixel #6B8C9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B8C9C; -webkit-box-shadow:4px 4px  
4px 4px #6B8C9C; box-shadow:4px 4px 4px  
4px #6B8C9C }
```

# Background

The CSS property to change the background color of an element to Hex 6B8C9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B8C9C }
```

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

```
.background{ background-color:#6B8C9C }
```

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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