

# Converting Colors

Hex(667C8A)

Have a look what the booklet for  
Hex(667C8A) contains.

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# Color

**Hex(667C8A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	667C8A
RGB	102, 124, 138
RGB Percent	40%, 49%, 54%
CMY	0.6000, 0.5137, 0.4588
CMYK	0.26, 0.10, 0.00, 0.46
HSL	203°, 15%, 47%
HSV	203°, 26%, 54%
XYZ	17.2746, 19.0751, 26.8161
YIQ	119.0180, -17.6060, -0.3100

# Conversions

## Conversions Part 2

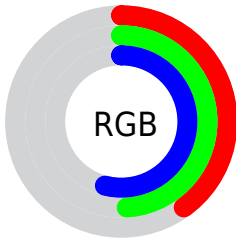
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 116, 138
Decimal	6716554
CIE <sub>Lab</sub>	50.77, -4.60, -10.24
CIE <sub>LCh</sub>	51, 11.222, 245.794
Yxy	19.0751, 0.2735, 0.3020
Android (android.graphics.Color)	4284906634 (0xFF667C8A)
YUV	119.0180, 9.3581, -14.9248
Hunter-Lab	43.6750, -5.8299, -5.8311

# Details

The Hex color **667C8A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8A7466**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **9AB0BF**, and **364B58** is the 20% darker color. If you saturate the color by 10%, you get **58778A**, and if you desaturate by 10%, it is **74818A**.

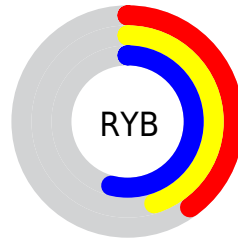
# Distribution



Red (40%)

Green (49%)

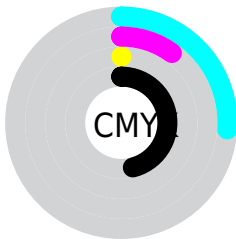
Blue (54%)



Red (40%)

Yellow (45%)

Blue (54%)

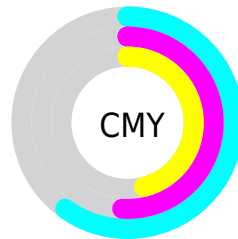


Cyan (26%)

Magenta (10%)

Yellow (0%)

Black (46%)



Cyan (60%)

Magenta (51%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 667C8A 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 667C8A by changing the saturation by 10% instead.





667C8A



667C8A

FFFFFF



4D6371



9AB0BF



364B58



B5CCDB



1F3541



D0E8F8



081F2B



EDFFFF



000617



000000



667C8A



667C8A



58778A



74818A



4A718A



82878A

■ 3D6C8A

■ 8F8C8A

■ 2F678A

■ 9D918A

■ 21618A

■ AB978A

■ 135C8A

■ B99C8A

■ 05568A

■ C7A28A

■ 00548A

■ D4A78A

■ E2AC8A

# Harmonies

## Analogous

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



607E84



667C8A



71798C

# Triad

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



667C8A



8D7277



747C69

# Complementary

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



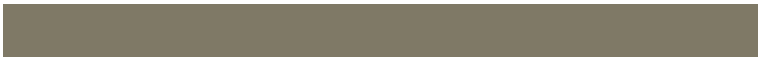
667C8A



8A7466

# 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.



7F7966



667C8A



8D736E

# Square

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



667C8A



877381



887668



697E71

# Rectangle

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



667C8A



79778A



887668



787B68



# Sweetspot

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



667C8A



A4ADB3



668A74



505659



D9D9D9



595959



# Same Dimension

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



667C8A



7B9DB3



666A8A



3E4245



005185



000305



# Inverse Universe

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



8A667C



B37B9D



8A8666



453E42



850051



050003



# Previews

## White Background



This preview shows how the Hex color 667C8A looks on a white background.

## Color Contrast Check

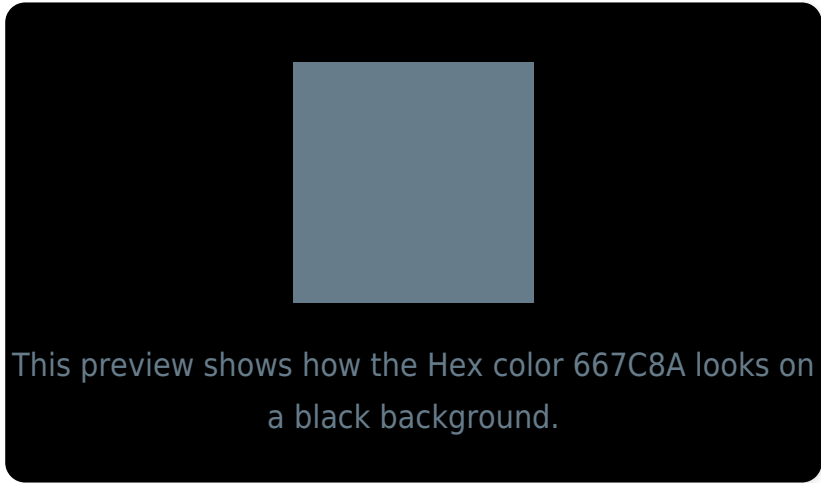
Large Text (above 18pt) WCAG AA ✓ Pass

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

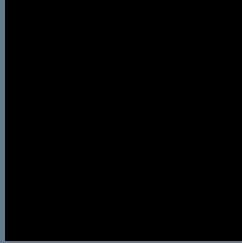
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

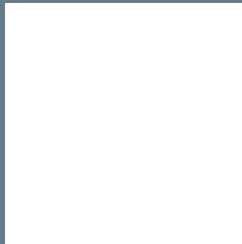
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 667C8A Background



This preview shows how black text looks on a background with the Hex color 667C8A.



This preview shows how white text looks on a background with the Hex color 667C8A.

# 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**  
667C8A

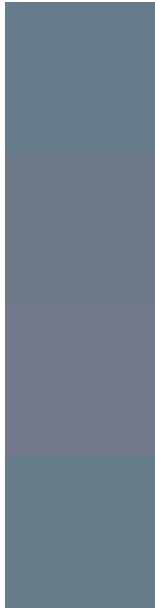
**Protanopia**  
767887

**Deuteranopia**  
7B768B



**Tritanopia**  
657D87

# Trichromacy



**Original Color**  
667C8A

**Protanomaly**  
707988

**Deuteranomaly**  
73788B

**Tritanomaly**  
657D88

# Monochromacy



**Original Color**  
667C8A

**Achromatopsia**  
777777

**Achromatomaly**  
71797E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 667C8A 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 #667C8A looks like.

```
.text, #text, p{  
    color:#667C8A  
}
```

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 #667C8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #667C8A
}
```

## Border

The CSS property to change the border of an element to Hex 667C8A is called "border". The border property can be set on classes, ids or directly on the HTML element.

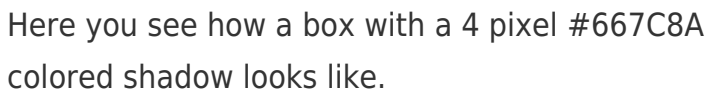
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#667C8A }
```

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

```
.border{ border-color:#667C8A }
```

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



Here you see how a box with a 4 pixel #667C8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #667C8A; -webkit-box-shadow:4px 4px  
4px 4px #667C8A; box-shadow:4px 4px 4px  
4px #667C8A }
```

# Background

The CSS property to change the background color of an element to Hex 667C8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#667C8A }
```

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

```
.background{ background-color:#667C8A }
```

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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