

# Converting Colors

Hex(8C6C84)

Have a look what the booklet for  
Hex(8C6C84) contains.

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# Color

Hex(8C6C84)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C6C84
RGB	140, 108, 132
RGB Percent	55%, 42%, 52%
CMY	0.4510, 0.5765, 0.4824
CMYK	0.00, 0.23, 0.06, 0.45
HSL	315°, 13%, 49%
HSV	315°, 23%, 55%
XYZ	20.3426, 17.9665, 24.2255
YIQ	120.3040, 11.3680, 14.2480

# Conversions

## Conversions Part 2

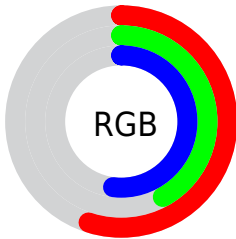
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 108, 132
Decimal	9202820
CIE Lab	49.46, 16.95, -8.34
CIE LCh	49, 18.887, 333.810
Yxy	17.9665, 0.3253, 0.2873
Android (android.graphics.Color)	4287392900 (0xFF8C6C84)
YUV	120.3040, 5.7661, 17.2734
Hunter-Lab	42.3869, 11.4899, -4.2153

# Details

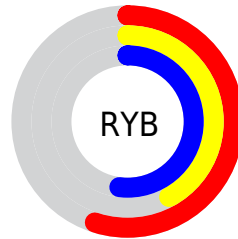
The Hex color **8C6C84** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6C8C74**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **C2A0B9**, and **593C53** is the 20% darker color. If you saturate the color by 10%, you get **8C5E81**, and if you desaturate by 10%, it is **8C7A88**.

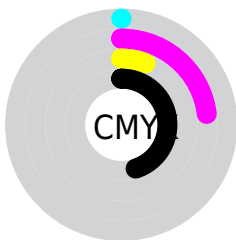
# Distribution



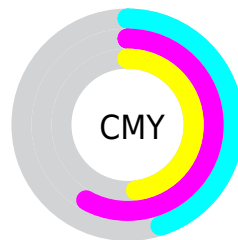
- Red (55%)
- Green (42%)
- Blue (52%)



- Red (55%)
- Yellow (42%)
- Blue (52%)



- Cyan (0%)
- Magenta (23%)
- Yellow (6%)
- Black (45%)



- Cyan (45%)
- Magenta (58%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C6C84 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 8C6C84 by changing the saturation by 10% instead.





8C6C84



8C6C84

FFFFFF



72546B



C2A0B9



593C53



DEBBD5



42263C



FBD6F1



2B1126



FFF3FF



180011



000000



8C6C84



8C6C84



8C5E81



8C7A88



8C507D



8C888B

8C427A

8C968F

8C3476

8CA492

8C2673

8CB296

8C186F

8CC099

8C0A6C

8CCE9D

8C0069

8CDCA0

8CEAA4

# Harmonies

## Analogous

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



7B7190



8C6C84



956A74

# Triad

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



8C6C84



7F7556



477E87

# Complementary

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



8C6C84



6C8C74

# 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.



4C7F77



8C6C84



6E7A5B

# Square

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



8C6C84



8D7059



5C7D67



507B92

# Rectangle

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



8C6C84



966B69



5C7D67



477E82



# Sweetspot

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



8C6C84



B5A8B2



746C8C



5C545A



DBDBDB



5C5C5C



# Same Dimension

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



8C6C84



B584A9



8C6C74



453E43



850063



050004



# Inverse Universe

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



8C6C84



B584A9



6C8C84



453E43



850063

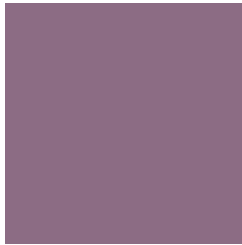


050004



# Previews

## White Background



This preview shows how the Hex color 8C6C84 looks on a white background.

## Color Contrast Check

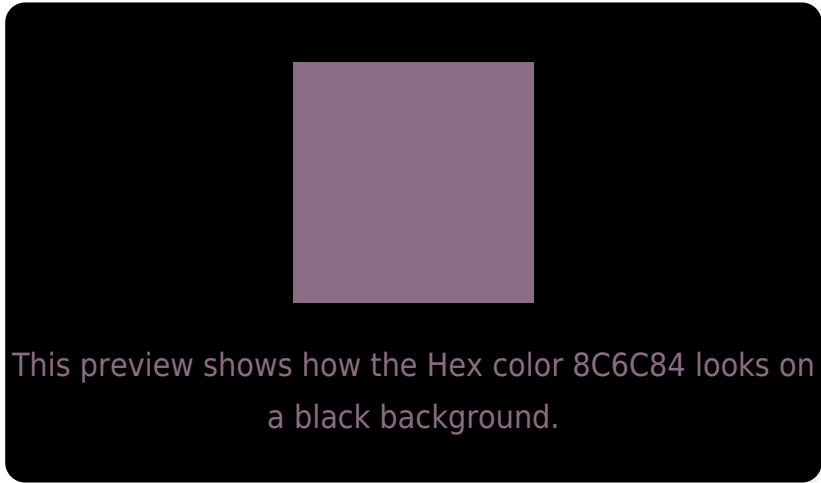
Large Text (above 18pt) WCAG AA ✓ Pass

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

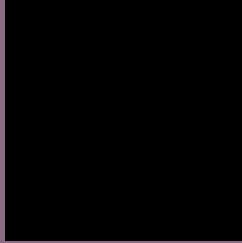
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8C6C84 Background



This preview shows how black text looks on a background with the Hex color 8C6C84.



This preview shows how white text looks on a background with the Hex color 8C6C84.

# 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**  
8C6C84

**Protanopia**  
72758A

**Deuteranopia**  
7B7383



**Tritanopia**  
8A6E77

# Trichromacy



**Original Color**  
8C6C84

**Protanomaly**  
7B7288

**Deuteranomaly**  
817083

**Tritanomaly**  
8B6D7C

# Monochromacy



**Original Color**  
8C6C84

**Achromatopsia**  
787878

**Achromatomaly**  
7F747C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C6C84 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 #8C6C84 looks like.

```
.text, #text, p{  
    color:#8C6C84  
}
```

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 #8C6C84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C6C84
}
```

## Border

The CSS property to change the border of an element to Hex 8C6C84 is called "border". The border property can be set on classes, ids or directly on the HTML element.

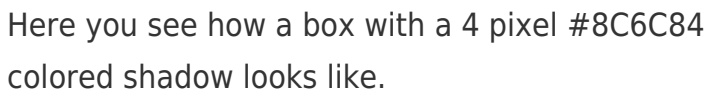
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C6C84 }
```

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

```
.border{ border-color:#8C6C84 }
```

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



Here you see how a box with a 4 pixel #8C6C84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C6C84; -webkit-box-shadow:4px 4px  
4px 4px #8C6C84; box-shadow:4px 4px 4px  
4px #8C6C84 }
```

# Background

The CSS property to change the background color of an element to Hex 8C6C84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C6C84 }
```

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

```
.background{ background-color:#8C6C84 }
```

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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