

# Converting Colors

Hex(8C7580)

Have a look what the booklet for  
Hex(8C7580) contains.

<b>Hex(8C7580)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(8C7580)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C7580
RGB	140, 117, 128
RGB Percent	55%, 46%, 50%
CMY	0.4510, 0.5412, 0.4980
CMYK	0.00, 0.16, 0.09, 0.45
HSL	331°, 9%, 50%
HSV	331°, 16%, 55%
XYZ	21.0728, 19.8565, 23.1441
YIQ	125.1310, 10.1770, 8.2970

# Conversions

## Conversions Part 2

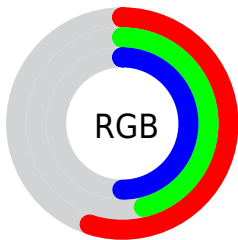
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 117, 128
Decimal	9205120
CIE <sub>Lab</sub>	51.67, 10.92, -2.68
CIE <sub>LCh</sub>	52, 11.243, 346.215
Yxy	19.8565, 0.3289, 0.3099
Android (android.graphics.Color)	4287395200 (0xFF8C7580)
YUV	125.1310, 1.4144, 13.0401
Hunter-Lab	44.5607, 6.4316, 0.3982

# Details

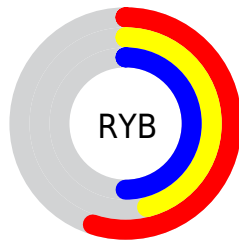
The Hex color **8C7580** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **758C81**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **C2A9B5**, and **5A454F** is the 20% darker color. If you saturate the color by 10%, you get **8C6779**, and if you desaturate by 10%, it is **8C8387**.

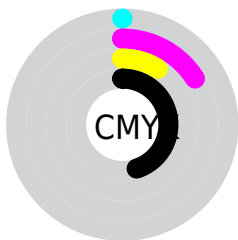
# Distribution



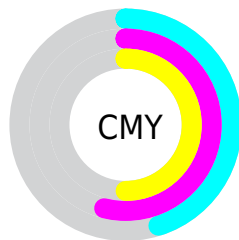
- Red (55%)
- Green (46%)
- Blue (50%)



- Red (55%)
- Yellow (46%)
- Blue (50%)



- Cyan (0%)
- Magenta (16%)
- Yellow (9%)
- Black (45%)



- Cyan (45%)
- Magenta (54%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C7580 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 8C7580 by changing the saturation by 10% instead.





8C7580



8C7580

FFFFFF



725C67



C2A9B5



5A454F



DEC4D0



422E38



FAE0ED



2C1923



FFFDFF



19000D



000000



8C7580



8C7580



8C6779



8C8387



8C5971



8C918F

 8C4B6A

 8C9F96

 8C3D63

 8CAD9D

 8C2F5B

 8CBBA5

 8C2154

 8CC9AC

 8C134D

 8CD7B3

 8C0546

 8CE5BA

 8C0043

 8CF3C2

# Harmonies

## Analogous

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



837789



8C7580



907576

# Triad

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



8C7580



7D7C69



648089

# Complementary

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



8C7580



758C81

# 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.



638180



8C7580



727F6E

# Square

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



8C7580



877969



688176



6C7D8E

# Rectangle

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



8C7580



8F7670



688176



638086



# Sweetspot

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



8C7580



B5ACB0



81758C



5C5659



DBDBDB



5C5C5C



# Same Dimension

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



8C7580



B591A2



8C7575



453E41



85003F



050002



# Inverse Universe

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



8C7580



B591A2



758C8C



453E41



85003F

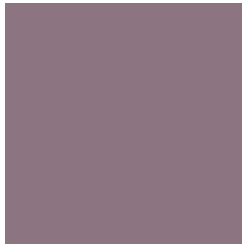


050002



# Previews

## White Background



This preview shows how the Hex color 8C7580 looks on a white background.

## Color Contrast Check

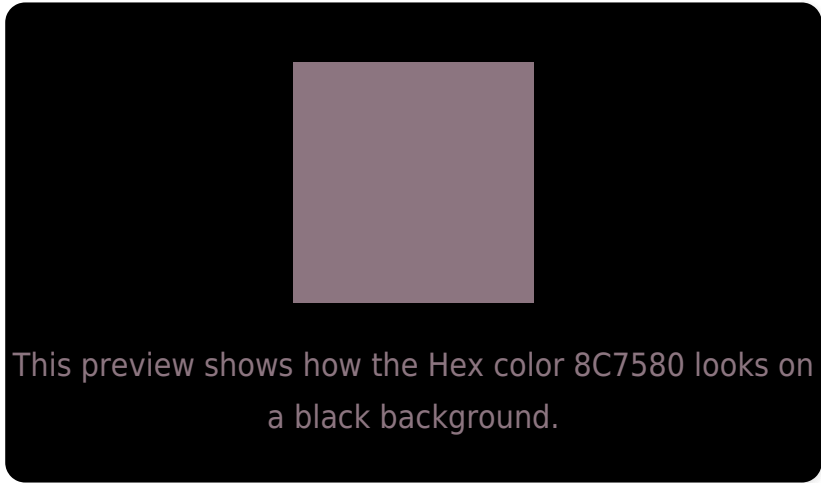
Large Text (above 18pt) WCAG AA ✓ Pass

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

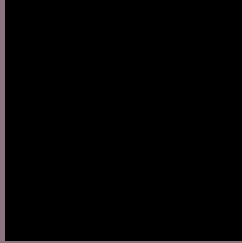
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8C7580 Background



This preview shows how black text looks on a background with the Hex color 8C7580.



This preview shows how white text looks on a background with the Hex color 8C7580.

# 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**  
8C7580

**Protanopia**  
7B7B83

**Deuteranopia**  
857880



**Tritanopia**  
8C757E

# Trichromacy



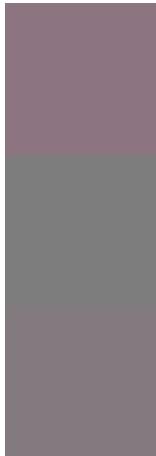
**Original Color**  
8C7580

**Protanomaly**  
817982

**Deuteranomaly**  
887780

**Tritanomaly**  
8C757F

# Monochromacy



**Original Color**  
8C7580

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
827A7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C7580 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 #8C7580 looks like.

```
.text, #text, p{  
    color:#8C7580  
}
```

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 #8C7580 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C7580
}
```

## Border

The CSS property to change the border of an element to Hex 8C7580 is called "border". The border property can be set on classes, ids or directly on the HTML element.

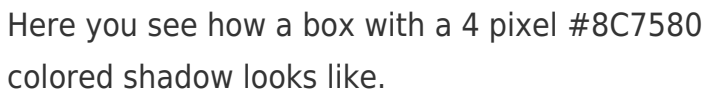
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C7580 }
```

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

```
.border{ border-color:#8C7580 }
```

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



Here you see how a box with a 4 pixel #8C7580 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C7580; -webkit-box-shadow:4px 4px  
4px 4px #8C7580; box-shadow:4px 4px 4px  
4px #8C7580 }
```

# Background

The CSS property to change the background color of an element to Hex 8C7580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C7580 }
```

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

```
.background{ background-color:#8C7580 }
```

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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