

# Converting Colors

Hex(8C737B)

Have a look what the booklet for  
Hex(8C737B) contains.

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**Color**

**Hex(8C737B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C737B
RGB	140, 115, 123
RGB Percent	55%, 45%, 48%
CMY	0.4510, 0.5490, 0.5176
CMYK	0.00, 0.18, 0.12, 0.45
HSL	341°, 10%, 50%
HSV	341°, 18%, 55%
XYZ	20.5211, 19.2670, 21.3762
YIQ	123.3870, 12.3320, 7.7880

# Conversions

## Conversions Part 2

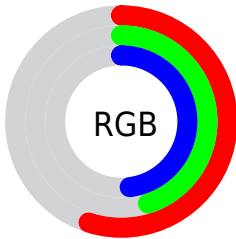
<b>Format</b>	<b>Color</b>
<b>RYB</b>	140, 115, 123
Decimal	9204603
CIELab	51.00, 11.17, -0.73
CIELCh	51, 11.195, 356.284
Yxy	19.2670, 0.3355, 0.3150
Android (android.graphics.Color)	4287394683 (0xFF8C737B)
YUV	123.3870, -0.1908, 14.5696
Hunter-Lab	43.8942, 6.6363, 1.8520

# Details

The Hex color **8C737B** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **738C84**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **C2A7AF**, and **5A434A** is the 20% darker color. If you saturate the color by 10%, you get **8C6571**, and if you desaturate by 10%, it is **8C8185**.

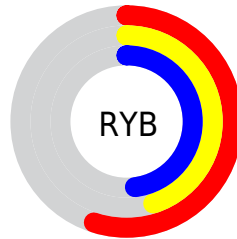
# Distribution



Red (55%)

Green (45%)

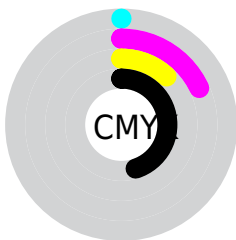
Blue (48%)



Red (55%)

Yellow (45%)

Blue (48%)

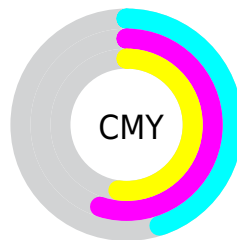


Cyan (0%)

Magenta (18%)

Yellow (12%)

Black (45%)



Cyan (45%)

Magenta (55%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C737B 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 8C737B by changing the saturation by 10% instead.



8C737B

8C737B

FFFFFF

725A62

C2A7AF

5A434A

DEC2CB

422D34

FADEE7

2B181F

FFFBFF

190006

000000

8C737B

8C737B

8C6571

8C8185

8C5768

8C8F8E

 8C495E

 8C9D98

 8C3B55

 8CABA1

 8C2D4B

 8CB9AB

 8C1F42

 8CC7B4

 8C1138

 8CD5BE

 8C032F

 8CE3C7

 8C002D

 8CF1D1

# Harmonies

## Analogous

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



857584



8C737B



8E7371

# Triad

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



8C737B



787B68



647D89

# Complementary

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



8C737B



738C84

# 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.



617F82



8C737B



6D7E6F

# Square

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



8C737B



827867



647F78



6E7B8C

# Rectangle

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



8C737B



8C756C



647F78



627E87



# Sweetspot

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



8C737B



B5ACAF



84738C



5C5658



DBDBDB



5C5C5C



# Same Dimension

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



8C737B



B58F9B



8C7773



453E40



85002A



050002



# Inverse Universe

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



8C737B



B58F9B



73888C



453E40



85002A

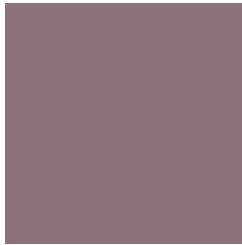


050002



# Previews

## White Background



This preview shows how the Hex color 8C737B looks on a white background.

## Color Contrast Check

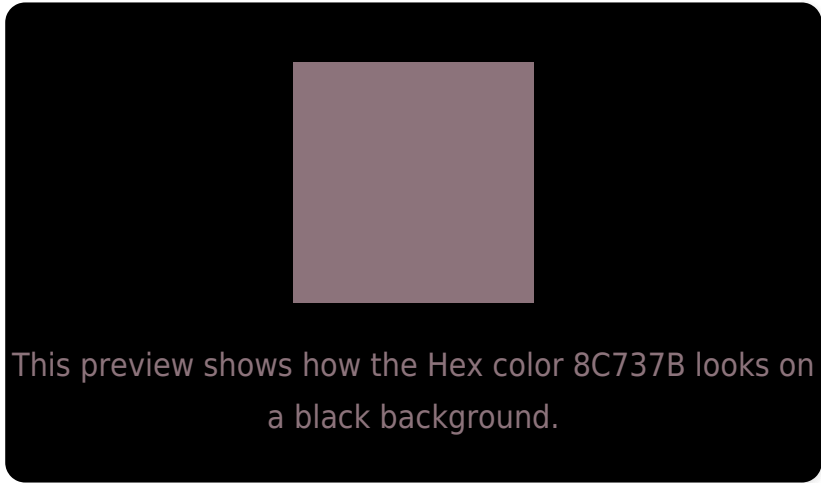
Large Text (above 18pt) WCAG AA ✓ Pass

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

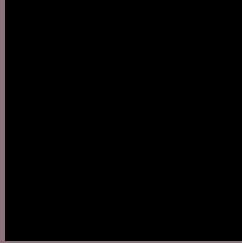
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8C737B Background



This preview shows how black text looks on a background with the Hex color 8C737B.



This preview shows how white text looks on a background with the Hex color 8C737B.

# 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**  
8C737B

**Protanopia**  
7A797E

**Deuteranopia**  
85767A



**Tritanopia**  
8C737C

# Trichromacy



**Original Color**  
8C737B

**Protanomaly**  
81777D

**Deuteranomaly**  
88757A

**Tritanomaly**  
8C737C

# Monochromacy



**Original Color**  
8C737B

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
81787B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C737B 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 #8C737B looks like.

```
.text, #text, p{  
    color:#8C737B  
}
```

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 #8C737B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C737B
}
```

## Border

The CSS property to change the border of an element to Hex 8C737B is called "border". The border property can be set on classes, ids or directly on the HTML element.

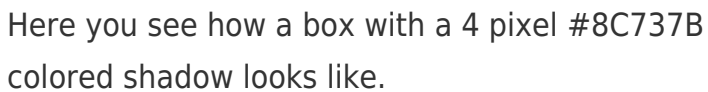
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C737B }
```

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

```
.border{ border-color:#8C737B }
```

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



Here you see how a box with a 4 pixel #8C737B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C737B; -webkit-box-shadow:4px 4px  
4px 4px #8C737B; box-shadow:4px 4px 4px  
4px #8C737B }
```

# Background

The CSS property to change the background color of an element to Hex 8C737B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C737B }
```

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

```
.background{ background-color:#8C737B }
```

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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