

# Converting Colors

Hex(89708E)

Have a look what the booklet for  
Hex(89708E) contains.

<b>Hex(89708E)</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(89708E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	89708E
RGB	137, 112, 142
RGB Percent	54%, 44%, 56%
CMY	0.4627, 0.5608, 0.4431
CMYK	0.04, 0.21, 0.00, 0.44
HSL	290°, 12%, 50%
HSV	290°, 21%, 56%
XYZ	20.9932, 18.8597, 28.1250
YIQ	122.8950, 5.2700, 14.6300

# Conversions

## Conversions Part 2

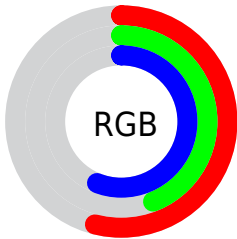
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 112, 142
Decimal	9007246
CIE <sub>Lab</sub>	50.52, 15.50, -12.68
CIE <sub>LCh</sub>	51, 20.027, 320.725
Yxy	18.8597, 0.3088, 0.2774
Android (android.graphics.Color)	4287197326 (0xFF89708E)
YUV	122.8950, 9.4188, 12.3701
Hunter-Lab	43.4278, 10.2892, -7.9984

# Details

The Hex color **89708E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **758E70**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **BFA4C4**, and **57405C** is the 20% darker color. If you saturate the color by 10%, you get **87628E**, and if you desaturate by 10%, it is **8B7E8E**.

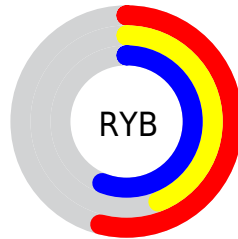
# Distribution



Red (54%)

Green (44%)

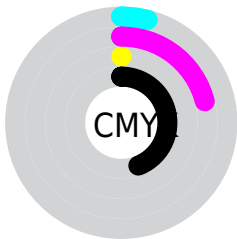
Blue (56%)



Red (54%)

Yellow (44%)

Blue (56%)

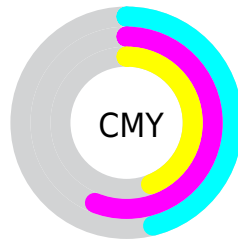


Cyan (4%)

Magenta (21%)

Yellow (0%)

Black (44%)



Cyan (46%)

Magenta (56%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89708E 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 89708E by changing the saturation by 10% instead.



89708E

89708E

FFFFFF

6F5774

BFA4C4

57405C

DBBFEO

3F2A44

F7DBFC

29152E

FFF7FF

17001A

000000

89708E

89708E

87628E

8B7E8E

84548E

8E8C8E

82458E

909B8E

80378E

92A98E

7D298E

95B78E

7B1B8E

97C58E

780D8E

9AD38E

76008E

9CE28E

9EF08E

# Harmonies

## Analogous

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



747698



89708E



976C7E

# Triad

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



89708E



8A7557



468284

# Complementary

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



89708E



758E70

# 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.



528272



89708E



787B58

# Square

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



89708E



96705F



657F62



498092

# Rectangle

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



89708E



9B6C73



657F62



49827E



# Sweetspot

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



89708E



B6ADB8



70758E



5B555C



DBDBDB



5C5C5C



# Same Dimension

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



89708E



B08AB8



8E7084



464047



710087



060008



# Inverse Universe

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



8E7075



B88A91



708E7A



474041



870017

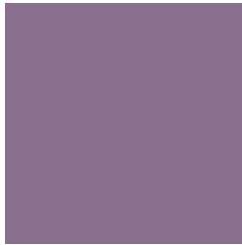


080001



# Previews

## White Background



This preview shows how the Hex color 89708E looks on a white background.

## Color Contrast Check

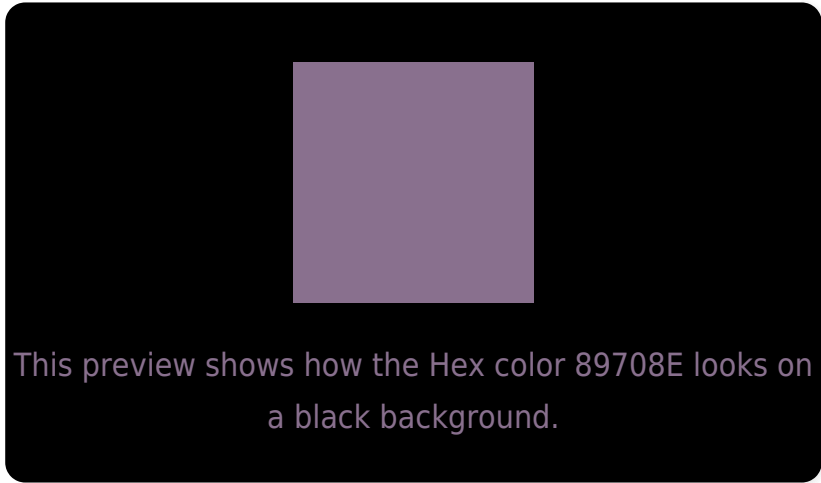
Large Text (above 18pt) WCAG AA ✓ Pass

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

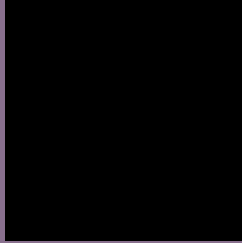
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 89708E Background



This preview shows how black text looks on a background with the Hex color 89708E.



This preview shows how white text looks on a background with the Hex color 89708E.

# 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**  
89708E

**Protanopia**  
727793

**Deuteranopia**  
7A768D



**Tritanopia**  
86737C

# Trichromacy



**Original Color**  
89708E

**Protanomaly**  
7A7491

**Deuteranomaly**  
7F748D

**Tritanomaly**  
877283

# Monochromacy



**Original Color**  
89708E

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
807782

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89708E 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 #89708E looks like.

```
.text, #text, p{  
    color:#89708E  
}
```

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 #89708E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89708E
}
```

## Border

The CSS property to change the border of an element to Hex 89708E is called "border". The border property can be set on classes, ids or directly on the HTML element.

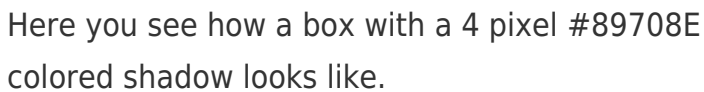
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#89708E }
```

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

```
.border{ border-color:#89708E }
```

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



Here you see how a box with a 4 pixel #89708E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89708E; -webkit-box-shadow:4px 4px  
4px 4px #89708E; box-shadow:4px 4px 4px  
4px #89708E }
```

# Background

The CSS property to change the background color of an element to Hex 89708E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89708E }
```

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

```
.background{ background-color:#89708E }
```

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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