

# Converting Colors

Hex(8E749E)

Have a look what the booklet for  
Hex(8E749E) contains.

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# Color

**Hex(8E749E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E749E
RGB	142, 116, 158
RGB Percent	56%, 45%, 62%
CMY	0.4431, 0.5451, 0.3804
CMYK	0.10, 0.27, 0.00, 0.38
HSL	277°, 18%, 54%
HSV	277°, 27%, 62%
XYZ	23.5723, 20.7102, 35.1028
YIQ	128.5620, 2.0140, 18.5740

# Conversions

## Conversions Part 2

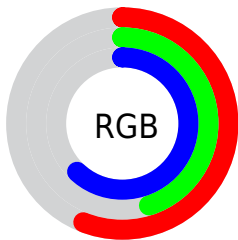
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 116, 158
Decimal	9335966
CIE <sub>Lab</sub>	52.63, 18.32, -18.81
CIE <sub>LCh</sub>	53, 26.255, 314.243
Yxy	20.7102, 0.2969, 0.2609
Android (android.graphics.Color)	4287526046 (0xFF8E749E)
YUV	128.5620, 14.5129, 11.7851
Hunter-Lab	45.5084, 12.8189, -13.8773

# Details

The Hex color **8E749E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **849E74**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **C4A8D5**, and **5B446B** is the 20% darker color. If you saturate the color by 10%, you get **88649E**, and if you desaturate by 10%, it is **94849E**.

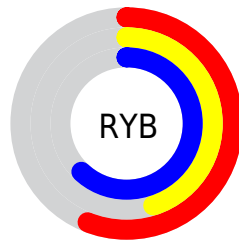
# Distribution



Red (56%)

Green (45%)

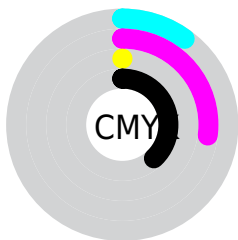
Blue (62%)



Red (56%)

Yellow (45%)

Blue (62%)

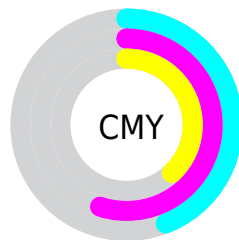


Cyan (10%)

Magenta (27%)

Yellow (0%)

Black (38%)



Cyan (44%)

Magenta (55%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E749E 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 8E749E by changing the saturation by 10% instead.



8E749E

8E749E

FFFFFF

745B84

C4A8D5

5B446B

E0C3F1

432D52

FDDFFF

2C183B

FFFCFF

190025

00010E

000000

8E749E

8E749E

88649E

94849E

82549E

9A949E

7C459E

A0A39E

76359E

A6B39E

70259E

ACC39E

6A159E

B2D39E

64059E

B8E39E

62009E

BEF29E

C4FF9E

# Harmonies

## Analogous

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



707CA9



8E749E



A26E8A

# Triad

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



8E749E



987853



368A88

# Complementary

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



8E749E



849E74

# 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.



4E8971



8E749E



828051

# Square

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



8E749E



A6715F



69865D



32889C

# Rectangle

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



8E749E



A96C7B



69865D



3D8A80



# Sweetspot

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



8E749E



C8BECF



74849E



655E69



E8E8E8



696969



# Same Dimension

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



8E749E



B58CCF



9E7499



4C474F



58008F



09000F



# Inverse Universe

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



9E7484



CF8CA6



749E79



4F474A



8F0036

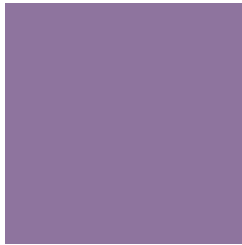


0F0006



# Previews

## White Background



This preview shows how the Hex color 8E749E 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

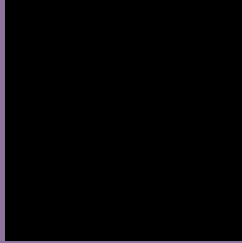
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8E749E Background



This preview shows how black text looks on a background with the Hex color 8E749E.

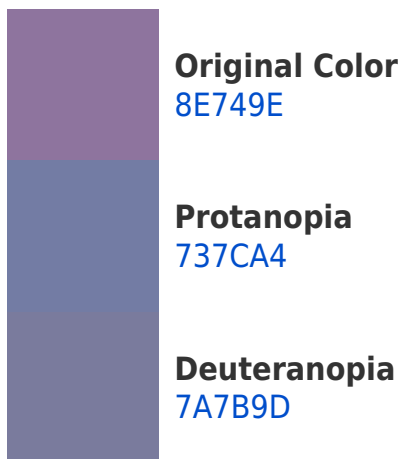



This preview shows how white text looks on a background with the Hex color 8E749E.

# 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





**Tritanopia**  
8A7983

# Trichromacy



**Original Color**  
8E749E

**Protanomaly**  
7D79A2

**Deuteranomaly**  
81789D

**Tritanomaly**  
8B778D

# Monochromacy



**Original Color**  
8E749E

**Achromatopsia**  
818181

**Achromatomaly**  
867C8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E749E 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 #8E749E looks like.

```
.text, #text, p{  
    color:#8E749E  
}
```

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 #8E749E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E749E
}
```

## Border

The CSS property to change the border of an element to Hex 8E749E is called "border". The border property can be set on classes, ids or directly on the HTML element.

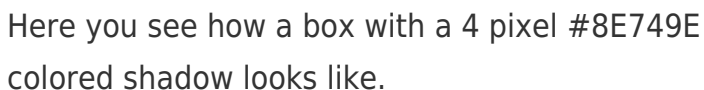
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E749E }
```

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

```
.border{ border-color:#8E749E }
```

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



Here you see how a box with a 4 pixel #8E749E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E749E; -webkit-box-shadow:4px 4px  
4px 4px #8E749E; box-shadow:4px 4px 4px  
4px #8E749E }
```

# Background

The CSS property to change the background color of an element to Hex 8E749E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E749E }
```

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

```
.background{ background-color:#8E749E }
```

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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