

# Converting Colors

Hex(8E688D)

Have a look what the booklet for  
Hex(8E688D) contains.

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**Color**

**Hex(8E688D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E688D
RGB	142, 104, 141
RGB Percent	56%, 41%, 55%
CMY	0.4431, 0.5922, 0.4471
CMYK	0.00, 0.27, 0.01, 0.44
HSL	302°, 15%, 48%
HSV	302°, 27%, 56%
XYZ	20.9134, 17.5745, 27.4893
YIQ	119.5800, 10.7710, 19.5630

# Conversions

## Conversions Part 2

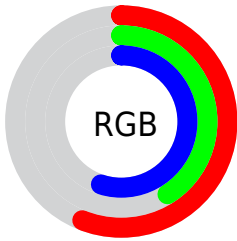
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	142, 104, 141
Decimal	9332877
CIE Lab	48.98, 21.79, -14.38
CIE LCh	49, 26.103, 326.578
Yxy	17.5745, 0.3170, 0.2664
Android (android.graphics.Color)	4287522957 (0xFF8E688D)
YUV	119.5800, 10.5601, 19.6623
Hunter-Lab	41.9220, 15.6839, -9.5326

# Details

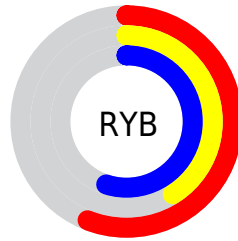
The Hex color **8E688D** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **688E69**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **C49CC3**, and **5B385B** is the 20% darker color. If you saturate the color by 10%, you get **8E5A8D**, and if you desaturate by 10%, it is **8E768D**.

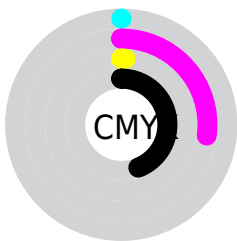
# Distribution



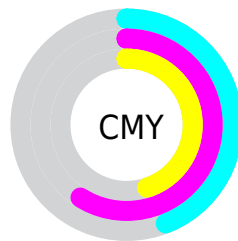
- Red (56%)
- Green (41%)
- Blue (55%)



- Red (56%)
- Yellow (41%)
- Blue (55%)



- Cyan (0%)
- Magenta (27%)
- Yellow (1%)
- Black (44%)



- Cyan (44%)
- Magenta (59%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E688D 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 8E688D by changing the saturation by 10% instead.



8E688D

8E688D

FFFFFF

745073

C49CC3

5B385B

E0B7DF

432243

FDD2FB

2C0C2D

FFEFFF

180019

000000

8E688D

8E688D

8E5A8D

8E768D

8E4C8C

8E848E

 8E3D8C

 8E938E

 8E2F8C

 8EA18E

 8E218B

 8EAF8F

 8E138B

 8EBD8F

 8E058A

 8ECB90

 8E008A

 8EDA90

 8EE890

# Harmonies

## Analogous

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



74709C



8E688D



9D6478

# Triad

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



8E688D



867248



258087

# Complementary

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



8E688D



688E69

# 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.



3A8071



8E688D



6F794C

# Square

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



8E688D



976B50



557E5B



307D99

# Rectangle

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



8E688D



A06469



557E5B



2A8080



# Sweetspot

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



8E688D



B8A9B7



69688E



5C535C



DBDBDB



5C5C5C



# Same Dimension

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



8E688D



B87DB6



8E687A



474047



870084



080007



# Inverse Universe

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



8E688D



B87DB6



688E7C



474047



870084

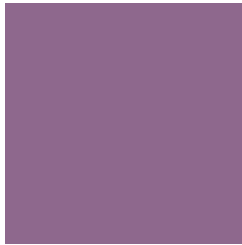


080007



# Previews

## White Background



This preview shows how the Hex color 8E688D 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

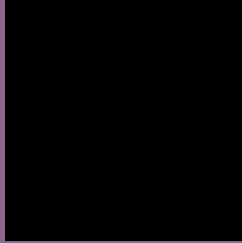
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8E688D Background



This preview shows how black text looks on a background with the Hex color 8E688D.




This preview shows how white text looks on a background with the Hex color 8E688D.

# 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**  
8B6D75

# Trichromacy



**Original Color**  
8E688D

**Protanomaly**  
786F92

**Deuteranomaly**  
7E6E8C

**Tritanomaly**  
8C6B7E

# Monochromacy



**Original Color**  
8E688D

**Achromatopsia**  
787878

**Achromatomaly**  
807280

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E688D 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 #8E688D looks like.

```
.text, #text, p{  
    color:#8E688D  
}
```

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 #8E688D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E688D
}
```

## Border

The CSS property to change the border of an element to Hex 8E688D is called "border". The border property can be set on classes, ids or directly on the HTML element.

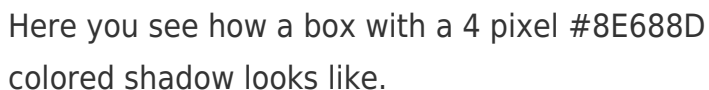
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E688D }
```

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

```
.border{ border-color:#8E688D }
```

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



Here you see how a box with a 4 pixel #8E688D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E688D; -webkit-box-shadow:4px 4px  
4px 4px #8E688D; box-shadow:4px 4px 4px  
4px #8E688D }
```

# Background

The CSS property to change the background color of an element to Hex 8E688D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E688D }
```

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

```
.background{ background-color:#8E688D }
```

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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