

# Converting Colors

Hex(8E4F78)

Have a look what the booklet for  
Hex(8E4F78) contains.

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# Color

**Hex(8E4F78)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E4F78
RGB	142, 79, 120
RGB Percent	56%, 31%, 47%
CMY	0.4431, 0.6902, 0.5294
CMYK	0.00, 0.44, 0.15, 0.44
HSL	321°, 29%, 43%
HSV	321°, 44%, 56%
XYZ	17.3415, 12.6988, 19.3064
YIQ	102.5110, 24.3870, 26.1070

# Conversions

## Conversions Part 2

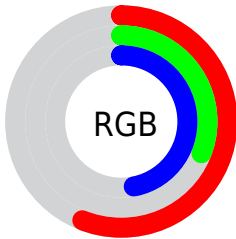
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 79, 120
Decimal	9326456
CIE <sub>Lab</sub>	42.31, 32.27, -11.83
CIE <sub>LCh</sub>	42, 34.369, 339.863
Yxy	12.6988, 0.3514, 0.2573
Android (android.graphics.Color)	4287516536 (0xFF8E4F78)
YUV	102.5110, 8.6221, 34.6319
Hunter-Lab	35.6354, 24.5026, -7.1772

# Details

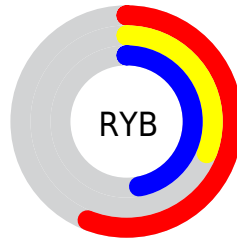
The Hex color **8E4F78** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4F8E65**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **C582AC**, and **5A1F47** is the 20% darker color. If you saturate the color by 10%, you get **8E4173**, and if you desaturate by 10%, it is **8E5D7D**.

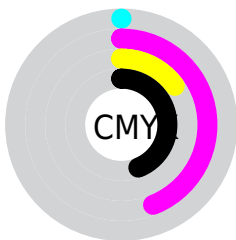
# Distribution



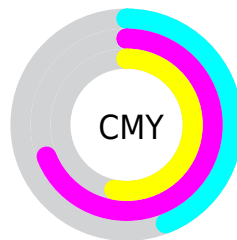
- Red (56%)
- Green (31%)
- Blue (47%)



- Red (56%)
- Yellow (31%)
- Blue (47%)



- Cyan (0%)
- Magenta (44%)
- Yellow (15%)
- Black (44%)



- Cyan (44%)
- Magenta (69%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E4F78 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 8E4F78 by changing the saturation by 10% instead.





8E4F78



8E4F78

FFFFFF



74375F



C582AC



5A1F47



E19CC8



410531



FFB8E4



2B001C



FFD4FF



000000



FFF0FF



8E4F78



8E4F78



8E4173



8E5D7D



8E336E



8E6B82

 8E2469

 8E7A87

 8E1664

 8E888C

 8E085F

 8E9691

 8E005C

 8EA496

 8EB29B

 8EC1A0

 8ECFA5

# Harmonies

## Analogous

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



725990



8E4F78



994C5C

# Triad

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



8E4F78



6C652A



007187

# Complementary

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



8E4F78



4F8E65

# 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.



00726D



8E4F78



4D6D37

# Square

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



8E4F78



845B2E



23714F



006C99

# Rectangle

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



8E4F78



984F49



23714F



00727F



# Sweetspot

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



8E4F78



B8A0AF



644F8E



5C4D57



DBDBDB



5C5C5C



# Same Dimension

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



8E4F78



B85696



8E4F5A



474045



870058



080005



# Inverse Universe

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



8E4F78



B85696



4F8E84



474045



870058

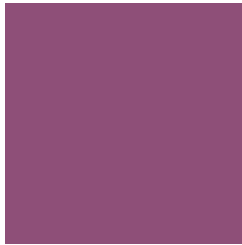


080005



# Previews

## White Background



This preview shows how the Hex color 8E4F78 looks on a white background.

## Color Contrast Check

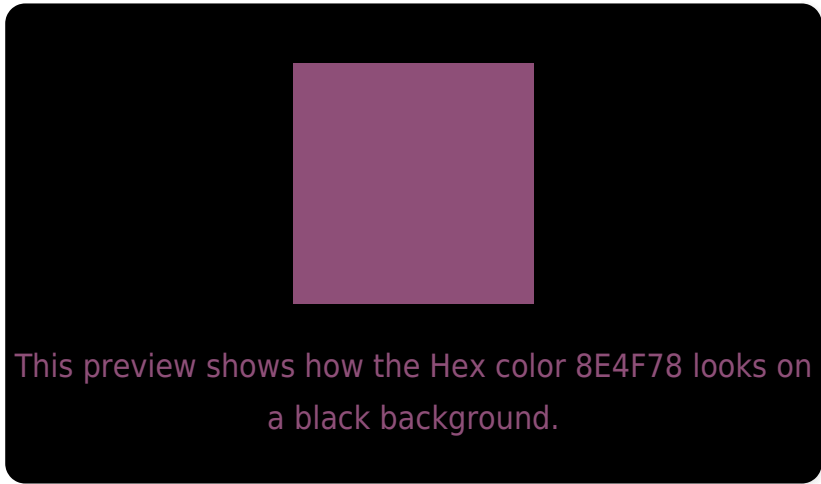
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

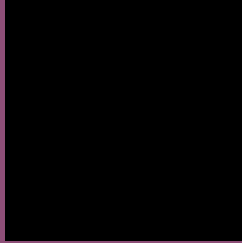
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8E4F78 Background



This preview shows how black text looks on a background with the Hex color 8E4F78.



This preview shows how white text looks on a background with the Hex color 8E4F78.

# 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](#).

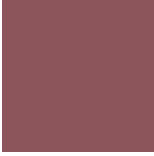
## Dichromacy



**Original Color**  
8E4F78

**Protanopia**  
5A6386

**Deuteranopia**  
666275



**Tritanopia**  
8B555B

# Trichromacy



**Original Color**  
8E4F78

**Protanomaly**  
6D5C81

**Deuteranomaly**  
755B76

**Tritanomaly**  
8C5366

# Monochromacy



**Original Color**  
8E4F78

**Achromatopsia**  
676767

**Achromatomaly**  
755E6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E4F78 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 #8E4F78 looks like.

```
.text, #text, p{  
    color:#8E4F78  
}
```

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 #8E4F78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E4F78
}
```

## Border

The CSS property to change the border of an element to Hex 8E4F78 is called "border". The border property can be set on classes, ids or directly on the HTML element.

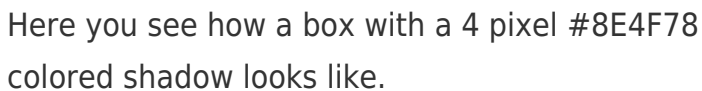
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E4F78 }
```

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

```
.border{ border-color:#8E4F78 }
```

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



Here you see how a box with a 4 pixel #8E4F78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E4F78; -webkit-box-shadow:4px 4px  
4px 4px #8E4F78; box-shadow:4px 4px 4px  
4px #8E4F78 }
```

# Background

The CSS property to change the background color of an element to Hex 8E4F78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E4F78 }
```

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

```
.background{ background-color:#8E4F78 }
```

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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