

# Converting Colors

Hex(8E457C)

Have a look what the booklet for  
Hex(8E457C) contains.

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# Color

**Hex(8E457C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E457C
RGB	142, 69, 124
RGB Percent	56%, 27%, 49%
CMY	0.4431, 0.7294, 0.5137
CMYK	0.00, 0.51, 0.13, 0.44
HSL	315°, 35%, 41%
HSV	315°, 51%, 56%
XYZ	16.9215, 11.4623, 20.3894
YIQ	97.0970, 25.8530, 32.5810

# Conversions

## Conversions Part 2

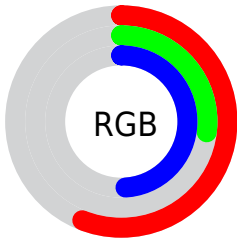
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 69, 124
Decimal	9323900
CIE <sub>Lab</sub>	40.35, 38.40, -17.27
CIE <sub>LCh</sub>	40, 42.103, 335.783
Yxy	11.4623, 0.3469, 0.2350
Android (android.graphics.Color)	4287513980 (0xFF8E457C)
YUV	97.0970, 13.2632, 39.3799
Hunter-Lab	33.8560, 29.9681, -12.0075

# Details

The Hex color **8E457C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **458E57**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **C578B1**, and **59124B** is the 20% darker color. If you saturate the color by 10%, you get **8E3778**, and if you desaturate by 10%, it is **8E5380**.

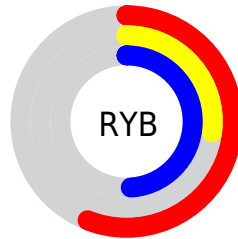
# Distribution



Red (56%)

Green (27%)

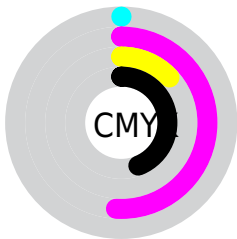
Blue (49%)



Red (56%)

Yellow (27%)

Blue (49%)

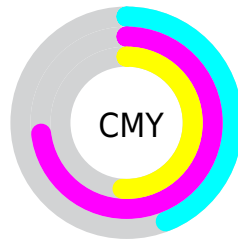


Cyan (0%)

Magenta (51%)

Yellow (13%)

Black (44%)



Cyan (44%)

Magenta (73%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E457C 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 8E457C by changing the saturation by 10% instead.



8E457C

8E457C

FFFFFF

732C63

C578B1

59124B

E293CC

400034

FFAEE8

2C001F

FFCAFF

000002

FFE6FF

000000

8E457C

8E457C

8E3778

8E5380

8E2975

8E6183

 8E1A71

 8E7087

 8E0C6E

 8E7E8A

 8E006B

 8E8C8E

 8E9A91

 8EA895

 8EB798

 8EC59C

# Harmonies

## Analogous

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



695397



8E457C



9D3F5A

# Triad

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



8E457C



6B6013



006F86

# Complementary

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



8E457C



458E57

# 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.



007065



8E457C



476823

# Square

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



8E457C



87531E



006E41



006A9E

# Rectangle

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



8E457C



9D4243



006E41



006F7C



# Sweetspot

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



8E457C



B89CB1



56458E



5C4B58



DBDBDB



5C5C5C



# Same Dimension

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



8E457C



B8469C



8E4558



474046



870066



080006



# Inverse Universe

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



8E457C



B8469C



458E7B



474046



870066

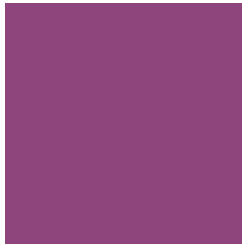


080006



# Previews

## White Background



This preview shows how the Hex color 8E457C looks on a white background.

## Color Contrast Check

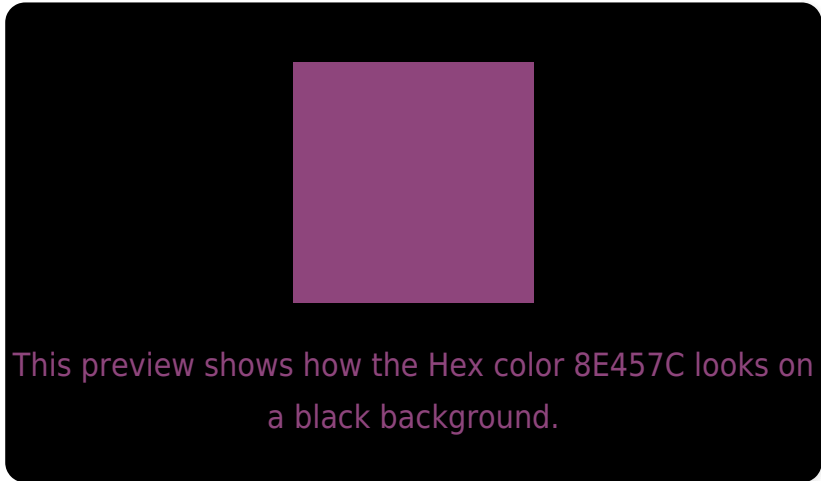
Large Text (above 18pt) WCAG AA ✓ Pass

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

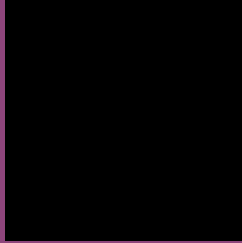
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8E457C Background



This preview shows how black text looks on a background with the Hex color 8E457C.



This preview shows how white text looks on a background with the Hex color 8E457C.

# 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](#).

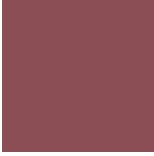
## Dichromacy



**Original Color**  
8E457C

**Protanopia**  
4F5E8F

**Deuteranopia**  
5D5E78



**Tritanopia**  
8A4E54

# Trichromacy



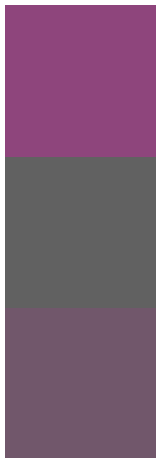
**Original Color**  
8E457C

**Protanomaly**  
665588

**Deuteranomaly**  
6F5579

**Tritanomaly**  
8B4B63

# Monochromacy



**Original Color**  
8E457C

**Achromatopsia**  
616161

**Achromatomaly**  
71576B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E457C 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 #8E457C looks like.

```
.text, #text, p{  
    color:#8E457C  
}
```

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 #8E457C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E457C
}
```

## Border

The CSS property to change the border of an element to Hex 8E457C is called "border". The border property can be set on classes, ids or directly on the HTML element.

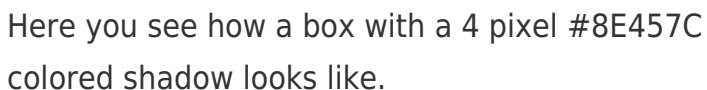
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E457C }
```

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

```
.border{ border-color:#8E457C }
```

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



Here you see how a box with a 4 pixel #8E457C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E457C; -webkit-box-shadow:4px 4px  
4px 4px #8E457C; box-shadow:4px 4px 4px  
4px #8E457C }
```

# Background

The CSS property to change the background color of an element to Hex 8E457C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E457C }
```

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

```
.background{ background-color:#8E457C }
```

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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