

# Converting Colors

Hex(8E1B7B)

Have a look what the booklet for  
Hex(8E1B7B) contains.

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# Color

**Hex(8E1B7B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E1B7B
RGB	142, 27, 123
RGB Percent	56%, 11%, 48%
CMY	0.4431, 0.8941, 0.5176
CMYK	0.00, 0.81, 0.13, 0.44
HSL	310°, 68%, 33%
HSV	310°, 81%, 56%
XYZ	15.1224, 7.9647, 19.4792
YIQ	72.3290, 37.7240, 54.2360

# Conversions

## Conversions Part 2

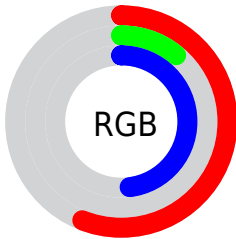
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 27, 123
Decimal	9313147
CIE <sub>Lab</sub>	33.91, 55.81, -26.64
CIE <sub>LCh</sub>	34, 61.842, 334.480
Yxy	7.9647, 0.3553, 0.1871
Android (android.graphics.Color)	4287503227 (0xFF8E1B7B)
YUV	72.3290, 24.9808, 61.1015
Hunter-Lab	28.2218, 46.2595, -21.1677

# Details

The Hex color **8E1B7B** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **1B8E2E**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **C756B0**, and **58004A** is the 20% darker color. If you saturate the color by 10%, you get **8E0D79**, and if you desaturate by 10%, it is **8E297D**.

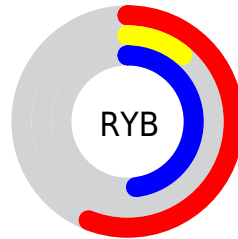
# Distribution



Red (56%)

Green (11%)

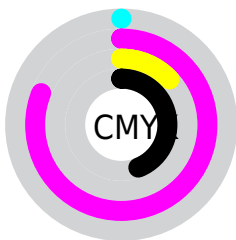
Blue (48%)



Red (56%)

Yellow (11%)

Blue (48%)

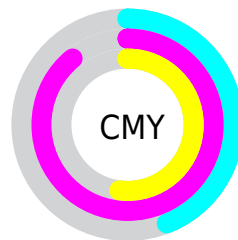


Cyan (0%)

Magenta (81%)

Yellow (13%)

Black (44%)



Cyan (44%)

Magenta (89%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E1B7B 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 8E1B7B by changing the saturation by 10% instead.



8E1B7B

8E1B7B

FFFFFF

720062

C756B0

58004A

E471CB

3E0033

FF8DE8

24001D

FFA9FF

000000

FFC5FF

FFE2FF

8E1B7B

8E1B7B

8E0D79

8E297D

■ 8E0077

■ 8E3780

■ 8E4682

■ 8E5484

■ 8E6287

■ 8E7089

■ 8E7E8B

■ 8E8D8E

■ 8E9B90

# Harmonies

## Analogous

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



543EA2



8E1B7B



A2004B

# Triad

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



8E1B7B



5C5000



006487

# Complementary

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



8E1B7B



1B8E2E

# 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.



006456



8E1B7B



265C00

# Square

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



8E1B7B



823C00



006122



0060A9

# Rectangle

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



8E1B7B



A10B2B



006122



006477



# Sweetspot

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



8E1B7B



B88CB0



2C1B8E



5C4157



DBDBDB



5C5C5C



# Same Dimension

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



8E1B7B



B8069A



8E1B43



474046



870071



080006



# Inverse Universe

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



8E1B7B



B8069A



1B8E66



474046



870071



080006



# Previews

## White Background



This preview shows how the Hex color 8E1B7B looks on a white background.

## Color Contrast Check

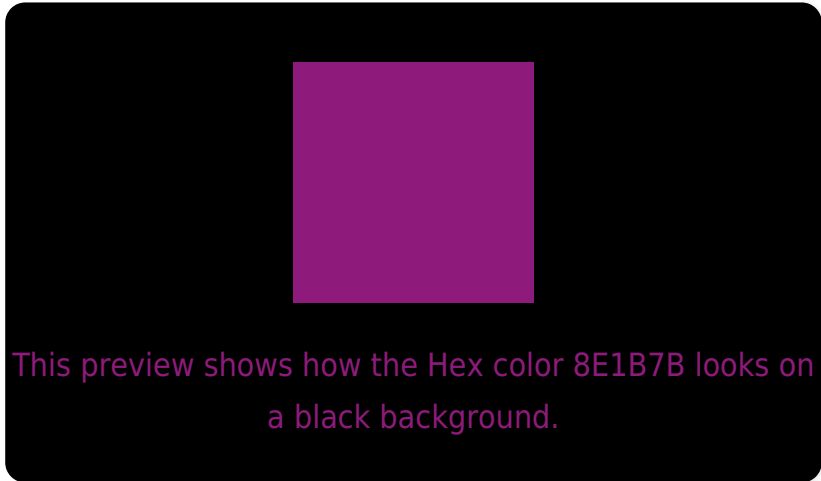
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

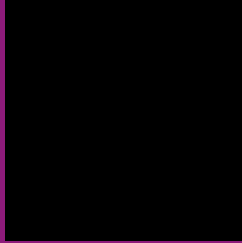
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8E1B7B Background



This preview shows how black text looks on a background with the Hex color 8E1B7B.

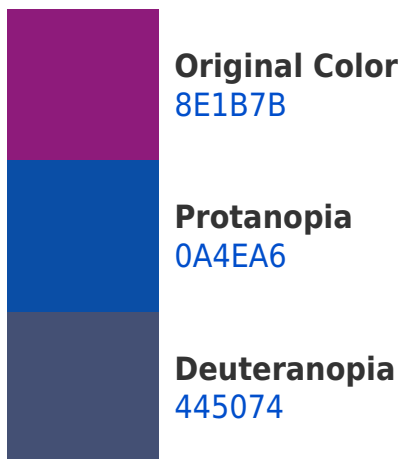


This preview shows how white text looks on a background with the Hex color 8E1B7B.

# Color Blindness Simulation

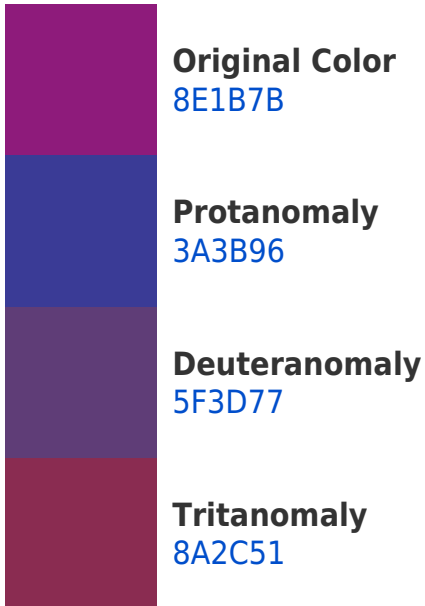
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

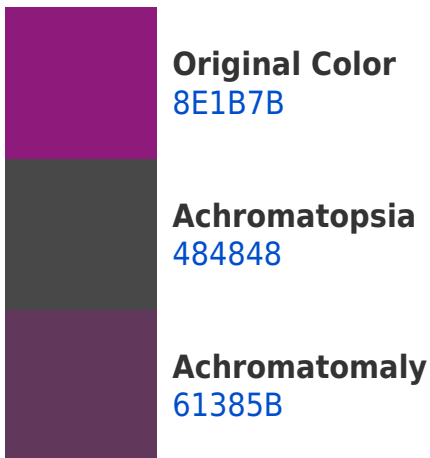




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E1B7B 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 #8E1B7B looks like.

```
.text, #text, p{  
    color:#8E1B7B  
}
```

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 #8E1B7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E1B7B
}
```

## Border

The CSS property to change the border of an element to Hex 8E1B7B is called "border". The border property can be set on classes, ids or directly on the HTML element.

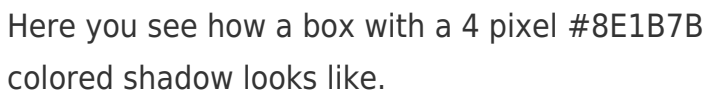
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E1B7B }
```

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

```
.border{ border-color:#8E1B7B }
```

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



Here you see how a box with a 4 pixel #8E1B7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E1B7B; -webkit-box-shadow:4px 4px  
4px 4px #8E1B7B; box-shadow:4px 4px 4px  
4px #8E1B7B }
```

# Background

The CSS property to change the background color of an element to Hex 8E1B7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E1B7B }
```

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

```
.background{ background-color:#8E1B7B }
```

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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