

# Converting Colors

Hex(8E468B)

Have a look what the booklet for  
Hex(8E468B) contains.

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# Color

**Hex(8E468B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E468B
RGB	142, 70, 139
RGB Percent	56%, 27%, 55%
CMY	0.4431, 0.7255, 0.4549
CMYK	0.00, 0.51, 0.02, 0.44
HSL	302°, 34%, 42%
HSV	302°, 51%, 56%
XYZ	18.0057, 11.9952, 25.7924
YIQ	99.3940, 20.7630, 36.7230

# Conversions

## Conversions Part 2

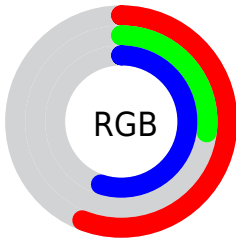
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 70, 139
Decimal	9324171
CIE <sub>Lab</sub>	41.21, 40.57, -25.11
CIE <sub>LCh</sub>	41, 47.717, 328.244
Yxy	11.9952, 0.3227, 0.2150
Android (android.graphics.Color)	4287514251 (0xFF8E468B)
YUV	99.3940, 19.5258, 37.3655
Hunter-Lab	34.6341, 32.1897, -19.9101

# Details

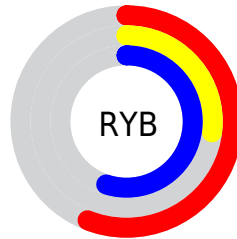
The Hex color **8E468B** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **468E49**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **C579C1**, and **591259** is the 20% darker color. If you saturate the color by 10%, you get **8E388A**, and if you desaturate by 10%, it is **8E548C**.

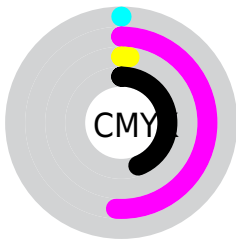
# Distribution



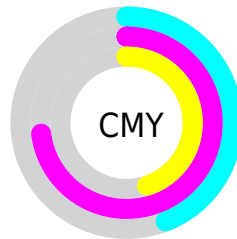
- Red (56%)
- Green (27%)
- Blue (55%)



- Red (56%)
- Yellow (27%)
- Blue (55%)



- Cyan (0%)
- Magenta (51%)
- Yellow (2%)
- Black (44%)



- Cyan (44%)
- Magenta (73%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E468B 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 8E468B by changing the saturation by 10% instead.



 8E468B

 8E468B

FFFFFF

 732D71

 C579C1

 591259

 E294DD

 400041

 FFAFF9

 2B002B

 FFCBFF

 000015

 FFE8FF

 000000

 8E468B

 8E468B

 8E388A

 8E548C

 8E2A8A

 8E628C

 8E1B89

 8E718D

 8E0D89

 8E7F8D

 8E0088

 8E8D8E

 8E9B8F

 8EA98F

 8EB890

 8EC690

# Harmonies

## Analogous

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



5C58A7



8E468B



A53A65

# Triad

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



8E468B



765F03



007385

# Complementary

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



8E468B



468E49

# 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.



00735E



8E468B



506A13

# Square

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



8E468B



944F1D



0D7036



006FA3

# Rectangle

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



8E468B



A73C4B



0D7036



007479



# Sweetspot

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



8E468B



B89CB6



48468E



5C4B5B



DBDBDB



5C5C5C



# Same Dimension

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



8E468B



B848B3



8E4668



474047



870082



080007



# Inverse Universe

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



8E468B



B848B3



468E6C



474047



870082



080007



# Previews

## White Background



This preview shows how the Hex color 8E468B looks on a white background.

## Color Contrast Check

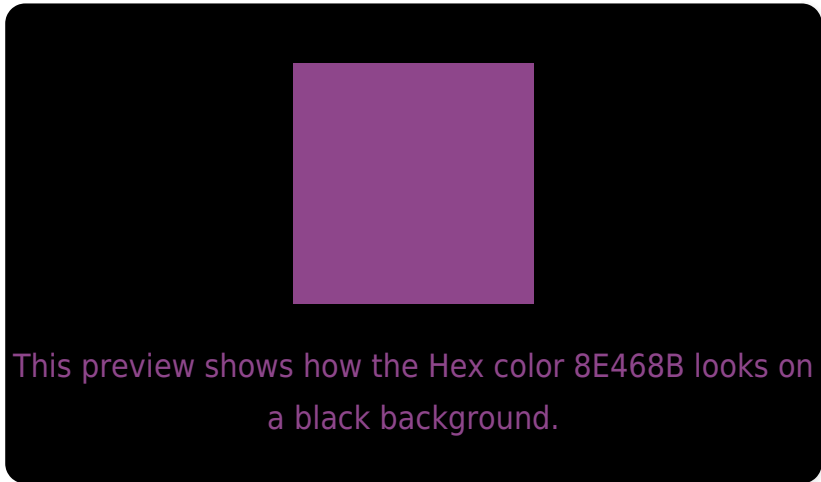
Large Text (above 18pt) WCAG AA ✓ Pass

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

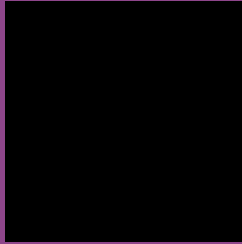
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8E468B Background



This preview shows how black text looks on a background with the Hex color 8E468B.

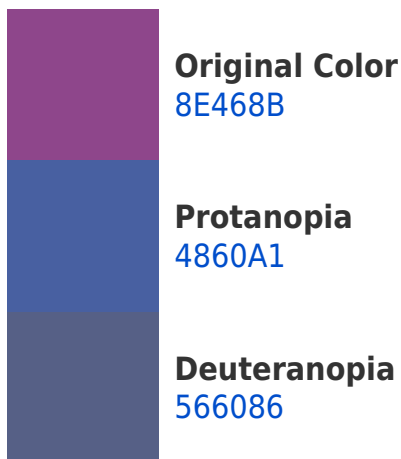



This preview shows how white text looks on a background with the Hex color 8E468B.

# 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**  
885258

# Trichromacy



**Original Color**  
8E468B



**Protanomaly**  
615799



**Deuteranomaly**  
6A5788



**Tritanomaly**  
8A4E6B

# Monochromacy



**Original Color**  
8E468B



**Achromatopsia**  
636363



**Achromatomaly**  
735872

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E468B 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 #8E468B looks like.

```
.text, #text, p{  
    color:#8E468B  
}
```

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 #8E468B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E468B
}
```

## Border

The CSS property to change the border of an element to Hex 8E468B is called "border". The border property can be set on classes, ids or directly on the HTML element.

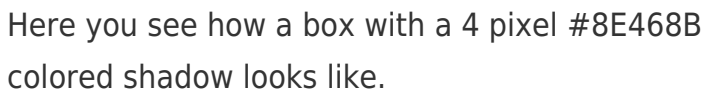
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E468B }
```

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

```
.border{ border-color:#8E468B }
```

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



Here you see how a box with a 4 pixel #8E468B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E468B; -webkit-box-shadow:4px 4px  
4px 4px #8E468B; box-shadow:4px 4px 4px  
4px #8E468B }
```

# Background

The CSS property to change the background color of an element to Hex 8E468B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E468B }
```

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

```
.background{ background-color:#8E468B }
```

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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