

# Converting Colors

Hex(8B4B80)

Have a look what the booklet for  
Hex(8B4B80) contains.

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# Color

**Hex(8B4B80)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B4B80
RGB	139, 75, 128
RGB Percent	55%, 29%, 50%
CMY	0.4549, 0.7059, 0.4980
CMYK	0.00, 0.46, 0.08, 0.45
HSL	310°, 30%, 42%
HSV	310°, 46%, 55%
XYZ	17.0598, 12.0796, 21.8545
YIQ	100.1780, 21.1310, 30.0510

# Conversions

## Conversions Part 2

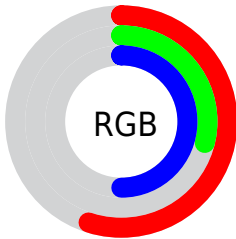
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 75, 128
Decimal	9128832
CIE Lab	41.34, 34.88, -18.23
CIE LCh	41, 39.356, 332.400
Yxy	12.0796, 0.3345, 0.2369
Android (android.graphics.Color)	4287318912 (0xFF8B4B80)
YUV	100.1780, 13.7162, 34.0469
Hunter-Lab	34.7558, 26.7939, -12.9527

# Details

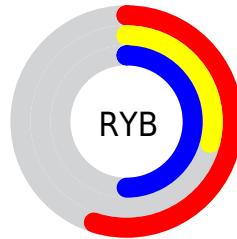
The Hex color **8B4B80** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4B8B56**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **C27EB5**, and **571A4F** is the 20% darker color. If you saturate the color by 10%, you get **8B3D7E**, and if you desaturate by 10%, it is **8B5982**.

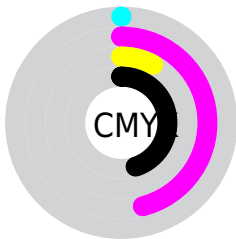
# Distribution



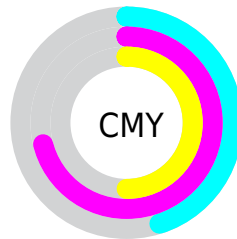
- Red (55%)
- Green (29%)
- Blue (50%)



- Red (55%)
- Yellow (29%)
- Blue (50%)



- Cyan (0%)
- Magenta (46%)
- Yellow (8%)
- Black (45%)



- Cyan (45%)
- Magenta (71%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B4B80 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 8B4B80 by changing the saturation by 10% instead.



8B4B80

8B4B80

FFFFFF

713367

C27EB5

571A4F

DE98D1

3E0038

FBB3ED

290022

FFCFFF

000008

FFECFF

000000

8B4B80

8B4B80

8B3D7E

8B5982

8B2F7B

8B6785

8B2179

8B7587

8B1376

8B838A

8B0574

8B918C

8B0073

8B9E8E

8BAC91

8BBA93

8BC896

# Harmonies

## Analogous

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



665898



8B4B80



9C4460

# Triad

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



8B4B80



71611D



007183

# Complementary

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



8B4B80



4B8B56

# 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.



007163



8B4B80



506A28

# Square

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



8B4B80



8B5528



206F42



006D9A

# Rectangle

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



8B4B80



9D464B



206F42



007179



# Sweetspot

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



8B4B80



B59CB1



564B8B



5C4C59



DBDBDB



5C5C5C



# Same Dimension

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



8B4B80



B551A4



8B4B60



453E44



85006E



050004



# Inverse Universe

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



8B4B80



B551A4



4B8B76



453E44



85006E

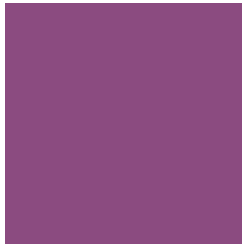


050004



# Previews

## White Background



This preview shows how the Hex color 8B4B80 looks on a white background.

## Color Contrast Check

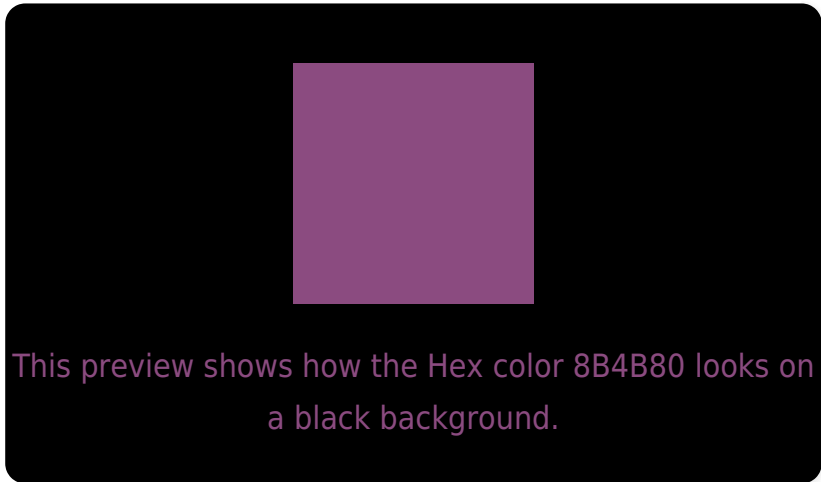
Large Text (above 18pt) WCAG AA ✓ Pass

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

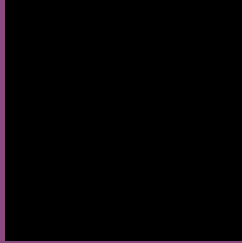
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8B4B80 Background



This preview shows how black text looks on a background with the Hex color 8B4B80.

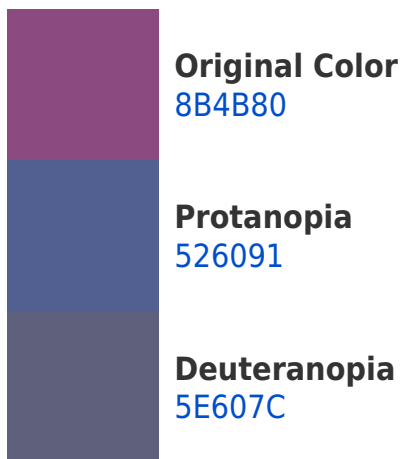



This preview shows how white text looks on a background with the Hex color 8B4B80.

# 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](#).

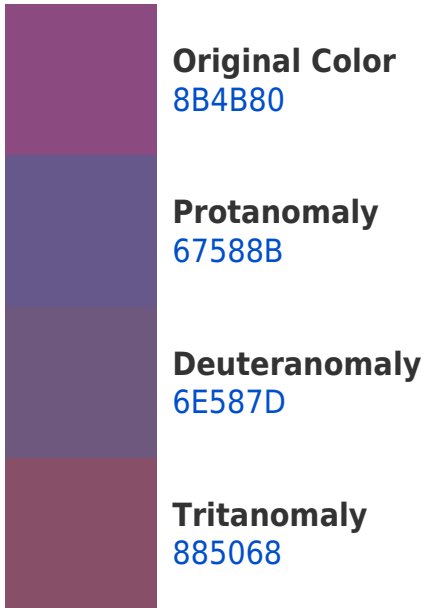
## Dichromacy



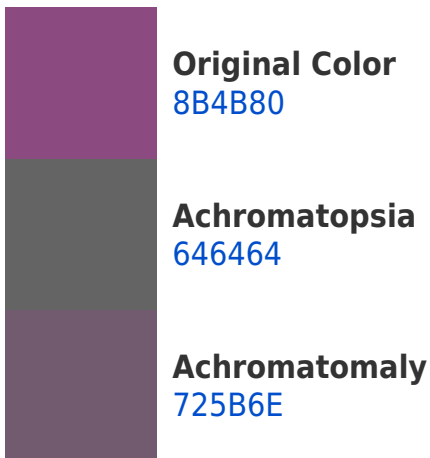


**Tritanopia**  
87535A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B4B80 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 #8B4B80 looks like.

```
.text, #text, p{  
    color:#8B4B80  
}
```

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 #8B4B80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B4B80
}
```

## Border

The CSS property to change the border of an element to Hex 8B4B80 is called "border". The border property can be set on classes, ids or directly on the HTML element.

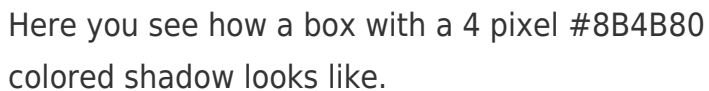
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B4B80 }
```

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

```
.border{ border-color:#8B4B80 }
```

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



Here you see how a box with a 4 pixel #8B4B80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B4B80; -webkit-box-shadow:4px 4px  
4px 4px #8B4B80; box-shadow:4px 4px 4px  
4px #8B4B80 }
```

# Background

The CSS property to change the background color of an element to Hex 8B4B80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B4B80 }
```

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

```
.background{ background-color:#8B4B80 }
```

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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