

# Converting Colors

Hex(8B468B)

Have a look what the booklet for  
Hex(8B468B) contains.

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# Color

**Hex(8B468B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B468B
RGB	139, 70, 139
RGB Percent	55%, 27%, 55%
CMY	0.4549, 0.7255, 0.4549
CMYK	0.00, 0.50, 0.00, 0.45
HSL	300°, 33%, 41%
HSV	300°, 50%, 55%
XYZ	17.4978, 11.7334, 25.7686
YIQ	98.4970, 18.9750, 36.0870

# Conversions

## Conversions Part 2

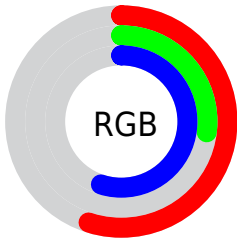
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 70, 139
Decimal	9127563
CIE <sub>Lab</sub>	40.79, 39.66, -25.80
CIE <sub>LCh</sub>	41, 47.309, 326.954
Yxy	11.7334, 0.3181, 0.2133
Android (android.graphics.Color)	4287317643 (0xFF8B468B)
YUV	98.4970, 19.9680, 35.5211
Hunter-Lab	34.2540, 31.2379, -20.6249

# Details

The Hex color **8B468B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **468B46**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **C279C1**, and **571359** is the 20% darker color. If you saturate the color by 10%, you get **8B388B**, and if you desaturate by 10%, it is **8B548B**.

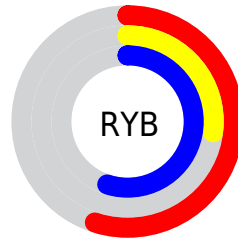
# Distribution



Red (55%)

Green (27%)

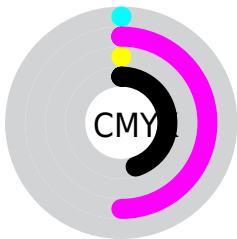
Blue (55%)



Red (55%)

Yellow (27%)

Blue (55%)

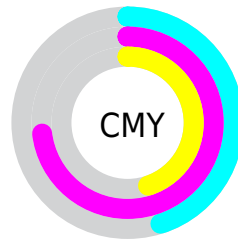


Cyan (0%)

Magenta (50%)

Yellow (0%)

Black (45%)



Cyan (45%)

Magenta (73%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B468B 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 8B468B by changing the saturation by 10% instead.





8B468B



8B468B

FFFFFF



702D71



C279C1



571359



DF94DD



3E0041



FCAFF9



29002B



FFCBFF



000115



FFE7FF



000000



8B468B



8B468B



8B388B



8B548B



8B2A8B



8B628B

 8B1C8B

 8B708B

 8B0E8B

 8B7E8B

 8B018B

 8B8B8B

 8B008B

 8B998B

 8BA78B

 8BB58B

 8BC38B

# Harmonies

## Analogous

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



5858A6



8B468B



A33A66

# Triad

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



8B468B



775D04



007282

# Complementary

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



8B468B



468B46

# 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.



00725B



8B468B



516811

# Square

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



8B468B



944E1E



146F33



006EA1

# Rectangle

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



8B468B



A63B4C



146F33



007276



# Sweetspot

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



8B468B



B59AB5



46468B



5C4B5C



DBDBDB



5C5C5C



# Same Dimension

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



8B468B



B548B5



8B4668



453E45



850085



050005



# Inverse Universe

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



8B468B



B548B5



468B68



453E45



850085

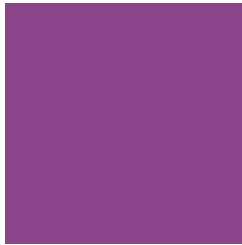


050005



# Previews

## White Background



This preview shows how the Hex color 8B468B looks on a white background.

## Color Contrast Check

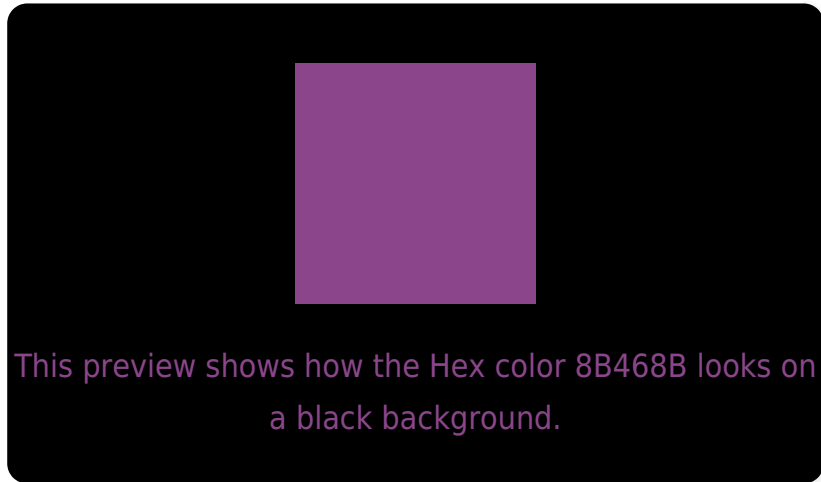
Large Text (above 18pt) WCAG AA ✓ Pass

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

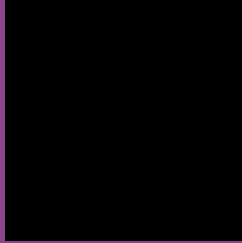
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8B468B Background



This preview shows how black text looks on a background with the Hex color 8B468B.




This preview shows how white text looks on a background with the Hex color 8B468B.

# 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**  
855258

# Trichromacy



**Original Color**  
8B468B



**Protanomaly**  
5F5698



**Deuteranomaly**  
685788



**Tritanomaly**  
874E6B

# Monochromacy



**Original Color**  
8B468B



**Achromatopsia**  
626262



**Achromatomaly**  
715871

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B468B 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 #8B468B looks like.

```
.text, #text, p{  
    color:#8B468B  
}
```

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 #8B468B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B468B
}
```

## Border

The CSS property to change the border of an element to Hex 8B468B is called "border". The border property can be set on classes, ids or directly on the HTML element.

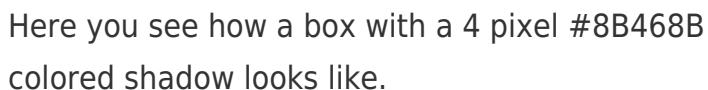
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B468B }
```

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

```
.border{ border-color:#8B468B }
```

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



Here you see how a box with a 4 pixel #8B468B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B468B; -webkit-box-shadow:4px 4px  
4px 4px #8B468B; box-shadow:4px 4px 4px  
4px #8B468B }
```

# Background

The CSS property to change the background color of an element to Hex 8B468B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B468B }
```

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

```
.background{ background-color:#8B468B }
```

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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