

# Converting Colors

Hex(8B70B0)

Have a look what the booklet for  
Hex(8B70B0) contains.

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# Color

**Hex(8B70B0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B70B0
RGB	139, 112, 176
RGB Percent	55%, 44%, 69%
CMY	0.4549, 0.5608, 0.3098
CMYK	0.21, 0.36, 0.00, 0.31
HSL	265°, 29%, 56%
HSV	265°, 36%, 69%
XYZ	24.2781, 20.2119, 43.6960
YIQ	127.3690, -4.4520, 25.6280

# Conversions

## Conversions Part 2

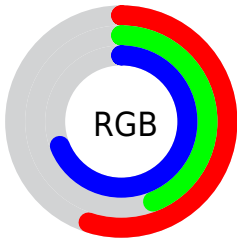
<b>Format</b>	<b>Color</b>
<b>RYB</b>	139, 112, 176
Decimal	9138352
CIELab	52.08, 23.81, -30.15
CIELCh	52, 38.421, 308.304
Yxy	20.2119, 0.2753, 0.2292
Android (android.graphics.Color)	4287328432 (0xFF8B70B0)
YUV	127.3690, 23.9751, 10.2004
Hunter-Lab	44.9576, 17.7180, -26.1558

# Details

The Hex color **8B70B0** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **95B070**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **C1A4E8**, and **57407B** is the 20% darker color. If you saturate the color by 10%, you get **815EB0**, and if you desaturate by 10%, it is **9582B0**.

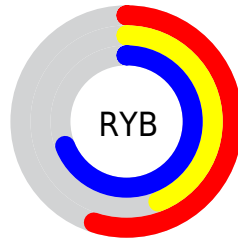
# Distribution



Red (55%)

Green (44%)

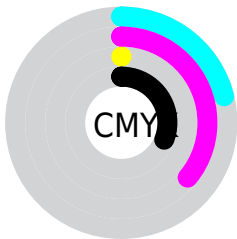
Blue (69%)



Red (55%)

Yellow (44%)

Blue (69%)

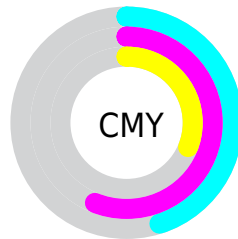


Cyan (21%)

Magenta (36%)

Yellow (0%)

Black (31%)



Cyan (45%)

Magenta (56%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B70B0 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 8B70B0 by changing the saturation by 10% instead.



8B70B0

8B70B0

FFFFFF

715795

C1A4E8

57407B

DEBFFF

3F2962

FBDBFF

27144A

FFF8FF

130033

00021D

000000

8B70B0

8B70B0

815EB0

9582B0

774DB0

9F93B0

6C3BB0

AAA5B0

622AB0

B4B6B0

5818B0

BEC8B0

4E06B0

C8DAB0

4A00B0

D2EBB0

DCFDB0

E7FFB0

# Harmonies

## Analogous

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



567DBD



8B70B0



AC6595

# Triad

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



8B70B0



A4723F



008D85

# Complementary

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



8B70B0



95B070

# 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.



368B63



8B70B0



877D39

# Square

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



8B70B0



B66655



648647



008CA4

# Rectangle

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



8B70B0



B8617F



648647



008D79



# Sweetspot

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



8B70B0



D7CCE6



7095B0



6A6473



F2F2F2



737373



# Same Dimension

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



8B70B0



AB81E6



AB70B0



545059



410099



0B001A



# Inverse Universe

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



B07095



E681BB



75B070



595055



990058

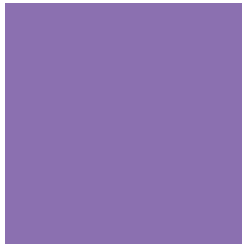


1A000F



# Previews

## White Background



This preview shows how the Hex color 8B70B0 looks on a white background.

## Color Contrast Check

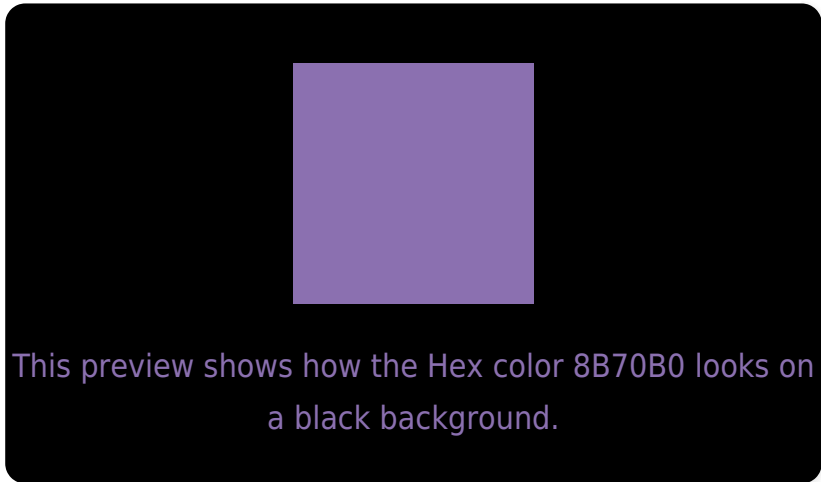
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

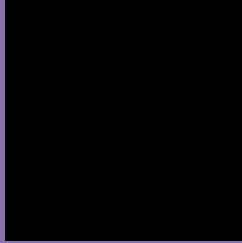
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8B70B0 Background



This preview shows how black text looks on a background with the Hex color 8B70B0.

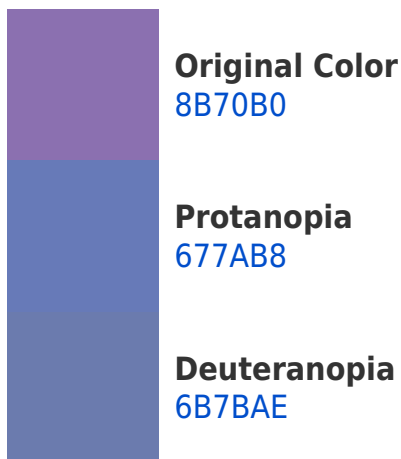


This preview shows how white text looks on a background with the Hex color 8B70B0.

# 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](#).

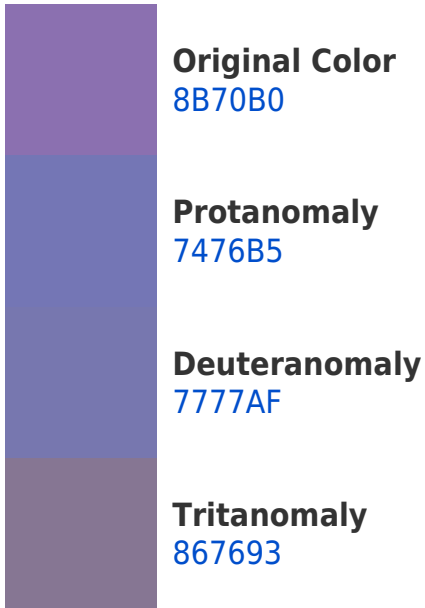
## Dichromacy



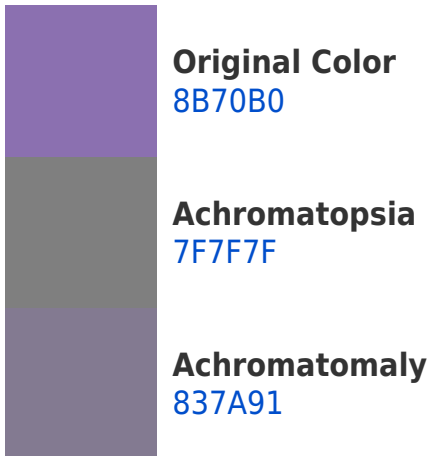


**Tritanopia**  
837983

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B70B0 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 #8B70B0 looks like.

```
.text, #text, p{  
    color:#8B70B0  
}
```

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 #8B70B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B70B0
}
```

## Border

The CSS property to change the border of an element to Hex 8B70B0 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
#8B70B0 }
```

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

```
.border{ border-color:#8B70B0 }
```

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

Here you see how a box with a 4 pixel #8B70B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B70B0; -webkit-box-shadow:4px 4px  
4px 4px #8B70B0; box-shadow:4px 4px 4px  
4px #8B70B0 }
```

# Background

The CSS property to change the background color of an element to Hex 8B70B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B70B0 }
```

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

```
.background{ background-color:#8B70B0 }
```

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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