

# Converting Colors

Hex(8B74AA)

Have a look what the booklet for  
Hex(8B74AA) contains.

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# Color

**Hex(8B74AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8B74AA
RGB	139, 116, 170
RGB Percent	55%, 45%, 67%
CMY	0.4549, 0.5451, 0.3333
CMYK	0.18, 0.32, 0.00, 0.33
HSL	266°, 24%, 56%
HSV	266°, 32%, 67%
XYZ	24.1486, 20.8820, 40.7881
YIQ	129.0330, -3.6260, 21.6700

# Conversions

## Conversions Part 2

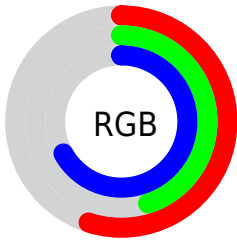
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 116, 170
Decimal	9139370
CIE <sub>Lab</sub>	52.82, 20.04, -25.52
CIE <sub>LCh</sub>	53, 32.448, 308.145
Yxy	20.8820, 0.2814, 0.2433
Android (android.graphics.Color)	4287329450 (0xFF8B74AA)
YUV	129.0330, 20.1967, 8.7411
Hunter-Lab	45.6969, 14.3590, -20.9332

# Details

The Hex color **8B74AA** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **93AA74**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **C1A8E1**, and **584476** is the 20% darker color. If you saturate the color by 10%, you get **8163AA**, and if you desaturate by 10%, it is **9585AA**.

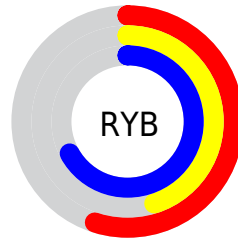
# Distribution



Red (55%)

Green (45%)

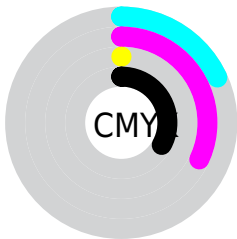
Blue (67%)



Red (55%)

Yellow (45%)

Blue (67%)

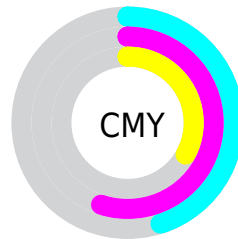


Cyan (18%)

Magenta (32%)

Yellow (0%)

Black (33%)



Cyan (45%)

Magenta (55%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B74AA 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 8B74AA by changing the saturation by 10% instead.



8B74AA

8B74AA

FFFFFF

715B8F

C1A8E1

584476

DDC3FE

402D5D

FADFFF

281845

FFFCFF

15002E

000119

000000

8B74AA

8B74AA

8163AA

9585AA

7752AA

9F96AA

6E41AA

A8A7AA

6430AA

B2B8AA

5A1FAA

BCC9AA

500EAA

C6DAAA

4800AA

CFEBAA

D9FCAA

E3FFAA

# Harmonies

## Analogous

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



617EB5



8B74AA



A76B93

# Triad

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



8B74AA



A1754B



168D85

# Complementary

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



8B74AA



93AA74

# 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.



478B68



8B74AA



897F46

# Square

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



8B74AA



B16C5D



6B8751



008BA0

# Rectangle

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



8B74AA



B16881



6B8751



2A8D7B



# Sweetspot

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



8B74AA



D1C8DE



7493AA



686370



F0F0F0



707070



# Same Dimension

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



8B74AA



AD8ADE



A574AA



4F4C54



3F0094



090014



# Inverse Universe

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



AA7493



DE8ABA



79AA74



544C51



940055

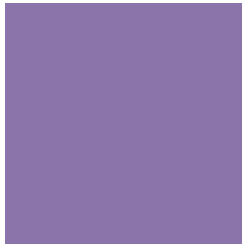


14000C



# Previews

## White Background



This preview shows how the Hex color 8B74AA looks on a white background.

## Color Contrast Check

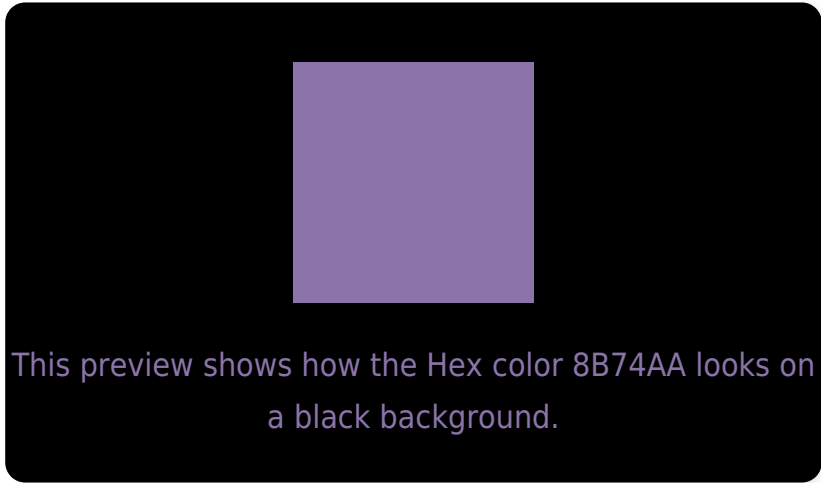
Large Text (above 18pt) WCAG AA ✓ Pass

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

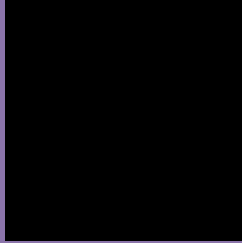
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8B74AA Background



This preview shows how black text looks on a background with the Hex color 8B74AA.

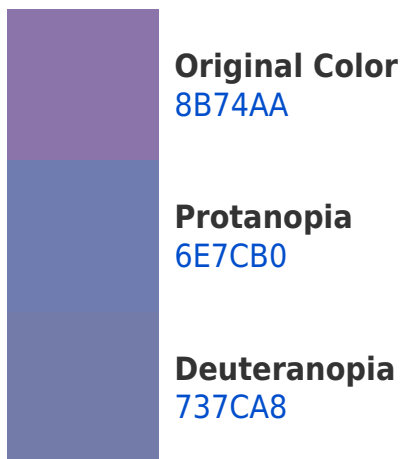


This preview shows how white text looks on a background with the Hex color 8B74AA.

# 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](#).

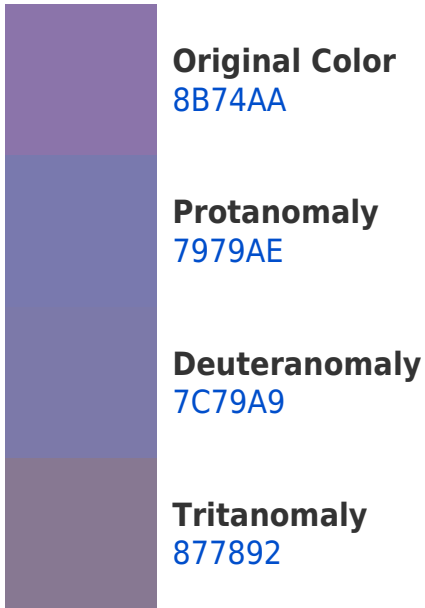
## Dichromacy



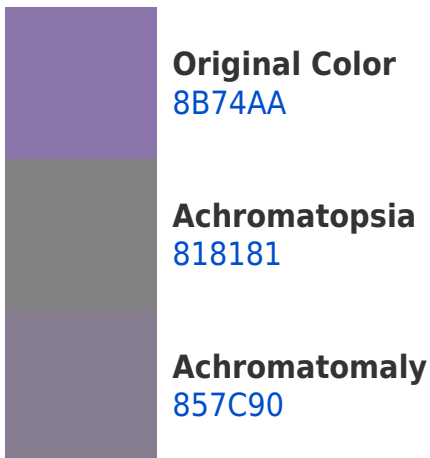


**Tritanopia**  
857B85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B74AA 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 #8B74AA looks like.

```
.text, #text, p{  
    color:#8B74AA  
}
```

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 #8B74AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B74AA
}
```

## Border

The CSS property to change the border of an element to Hex 8B74AA 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
#8B74AA }
```

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

```
.border{ border-color:#8B74AA }
```

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

Here you see how a box with a 4 pixel #8B74AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B74AA; -webkit-box-shadow:4px 4px  
4px 4px #8B74AA; box-shadow:4px 4px 4px  
4px #8B74AA }
```

# Background

The CSS property to change the background color of an element to Hex 8B74AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B74AA }
```

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

```
.background{ background-color:#8B74AA }
```

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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