

# Converting Colors

Hex(8774B3)

Have a look what the booklet for  
Hex(8774B3) contains.

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# Color

**Hex(8774B3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8774B3
RGB	135, 116, 179
RGB Percent	53%, 45%, 70%
CMY	0.4706, 0.5451, 0.2980
CMYK	0.25, 0.35, 0.00, 0.30
HSL	258°, 29%, 58%
HSV	258°, 35%, 70%
XYZ	24.3737, 20.8964, 45.3966
YIQ	128.8630, -8.8990, 23.6210

# Conversions

## Conversions Part 2

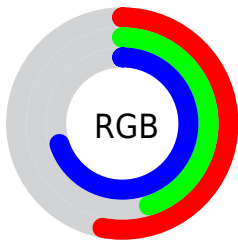
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 116, 179
Decimal	8877235
CIE <sub>Lab</sub>	52.84, 20.96, -30.73
CIE <sub>LCh</sub>	53, 37.194, 304.291
Yxy	20.8964, 0.2688, 0.2305
Android (android.graphics.Color)	4287067315 (0xFF8774B3)
YUV	128.8630, 24.7175, 5.3821
Hunter-Lab	45.7125, 15.1786, -26.8815

# Details

The Hex color **8774B3** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A0B374**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **BDA8EB**, and **54447E** is the 20% darker color. If you saturate the color by 10%, you get **7A62B3**, and if you desaturate by 10%, it is **9486B3**.

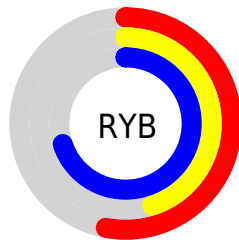
# Distribution



Red (53%)

Green (45%)

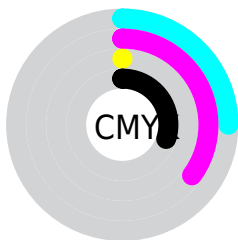
Blue (70%)



Red (53%)

Yellow (45%)

Blue (70%)

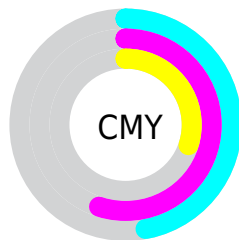


Cyan (25%)

Magenta (35%)

Yellow (0%)

Black (30%)



Cyan (47%)

Magenta (55%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8774B3 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 8774B3 by changing the saturation by 10% instead.



■ 8774B3

■ 8774B3

FFFFFF

■ 6D5B98

■ BDA8EB

■ 54447E

■ D9C3FF

■ 3B2D65

■ F6DFFF

■ 23184C

■ FFFCFF

■ 0E0035

■ 00021F

■ 000003

■ 000000

■ 8774B3

■ 8774B3

7A62B3

9486B3

6E50B3

A098B3

613EB3

ADAAB3

552CB3

B9BCB3

481BB3

C6CDB3

3C09B3

D2DFB3

3600B3

DFF1B3

EBFFB3

F8FFB3

# Harmonies

## Analogous

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



5280BE



8774B3



AA699A

# Triad

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



8774B3



A87345



008F82

# Complementary

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



8774B3



A0B374

# 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.



428C61



8774B3



8D7E3D

# Square

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



8774B3



B8685C



6C8748



008EA1

# Rectangle

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



8774B3



B66486



6C8748



148E77



# Sweetspot

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



8774B3



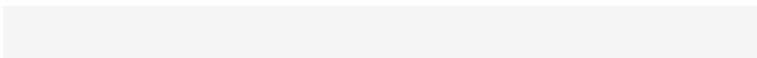
D6CFE8



74A0B3



6B6675



F5F5F5



757575



# Same Dimension

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



8774B3



A487E8



A674B3



535059



2E0099



08001A



# Inverse Universe

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



B374A0



E887CB



81B374



595057



99006B

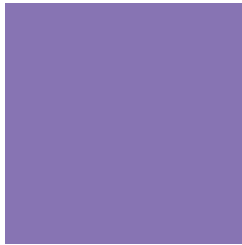


1A0012



# Previews

## White Background



This preview shows how the Hex color 8774B3 looks on a white background.

## Color Contrast Check

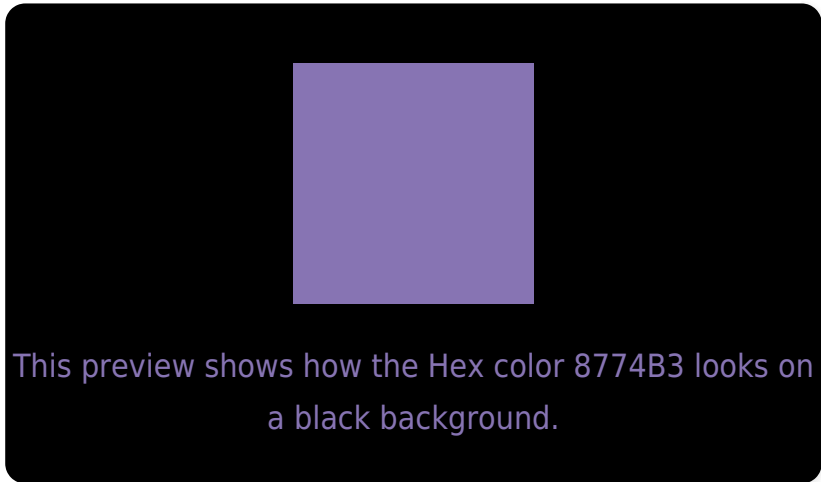
Large Text (above 18pt) WCAG AA ✓ Pass

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

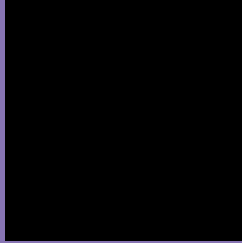
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8774B3 Background



This preview shows how black text looks on a background with the Hex color 8774B3.

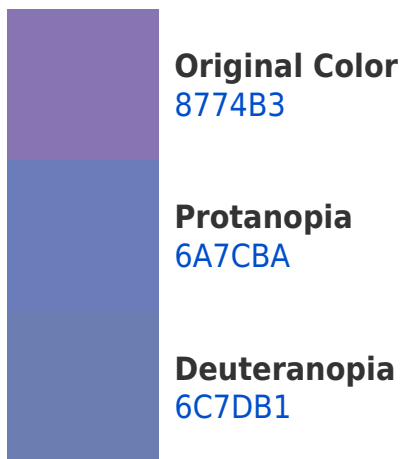


This preview shows how white text looks on a background with the Hex color 8774B3.

# 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**  
7F7D87

# Trichromacy



**Original Color**  
8774B3

**Protanomaly**  
7579B7

**Deuteranomaly**  
767AB2

**Tritanomaly**  
827A97

# Monochromacy



**Original Color**  
8774B3

**Achromatopsia**  
818181

**Achromatomaly**  
837C93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8774B3 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 #8774B3 looks like.

```
.text, #text, p{  
    color:#8774B3  
}
```

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 #8774B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8774B3
}
```

## Border

The CSS property to change the border of an element to Hex 8774B3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

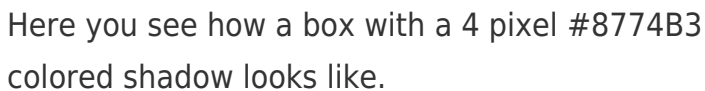
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8774B3 }
```

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

```
.border{ border-color:#8774B3 }
```

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



Here you see how a box with a 4 pixel #8774B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8774B3; -webkit-box-shadow:4px 4px  
4px 4px #8774B3; box-shadow:4px 4px 4px  
4px #8774B3 }
```

# Background

The CSS property to change the background color of an element to Hex 8774B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8774B3 }
```

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

```
.background{ background-color:#8774B3 }
```

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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