

# Converting Colors

Hex(8084B0)

Have a look what the booklet for  
Hex(8084B0) contains.

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# Color

**Hex(8084B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8084B0
RGB	128, 132, 176
RGB Percent	50%, 52%, 69%
CMY	0.4980, 0.4824, 0.3098
CMYK	0.27, 0.25, 0.00, 0.31
HSL	235°, 23%, 60%
HSV	235°, 27%, 69%
XYZ	24.9898, 24.2263, 44.4333
YIQ	135.8200, -16.5080, 12.8360

# Conversions

## Conversions Part 2

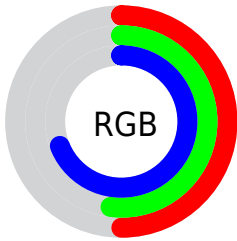
<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 132, 176
Decimal	8422576
CIELab	56.31, 8.62, -23.67
CIELCh	56, 25.189, 290.009
Yxy	24.2263, 0.2668, 0.2587
Android (android.graphics.Color)	4286612656 (0xFF8084B0)
YUV	135.8200, 19.8087, -6.8581
Hunter-Lab	49.2202, 4.4916, -19.0696

# Details

The Hex color **8084B0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B0AC80**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **B6B9E8**, and **4D537B** is the 20% darker color. If you saturate the color by 10%, you get **6E74B0**, and if you desaturate by 10%, it is **9294B0**.

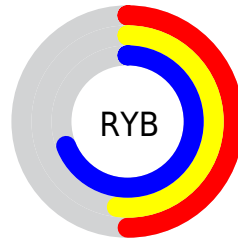
# Distribution



Red (50%)

Green (52%)

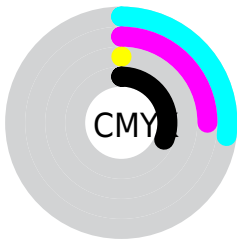
Blue (69%)



Red (50%)

Yellow (52%)

Blue (69%)

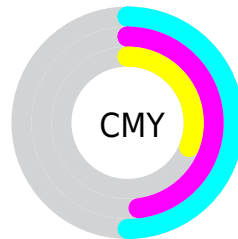


Cyan (27%)

Magenta (25%)

Yellow (0%)

Black (31%)



Cyan (50%)

Magenta (48%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8084B0 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 8084B0 by changing the saturation by 10% instead.





8084B0



8084B0

FFFFFF



666B95



B6B9E8



4D537B



D2D5FF



353C62



EEF1FF



1D264A



041233



00021E



000000



8084B0



8084B0



6E74B0



9294B0

5D64B0

A3A4B0

4B54B0

B5B4B0

3A43B0

C6C5B0

2833B0

D8D5B0

1623B0

EAE5B0

0513B0

FBF5B0

000FB0

FFFFB0

# Harmonies

## Analogous

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



608BB2



8084B0



9C7CA3

# Triad

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



8084B0



AD7C66



55937F

# Complementary

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



8084B0



B0AC80

# 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.



6E906A



8084B0



9D835C

# Square

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



8084B0



B37779



878A5D



439395

# Rectangle

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



8084B0



A97997



878A5D



5D9277



# Sweetspot

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



8084B0



D3D5E6



80B0AC



676873



F2F2F2



737373



# Same Dimension

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



8084B0



9AA0E6



9480B0



505159



000D99



00021A



# Inverse Universe

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



B08084



E69AA0



9CB080



595051



99000D

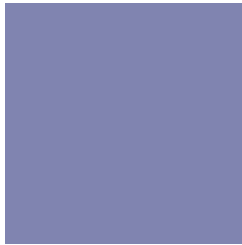


1A0002



# Previews

## White Background



This preview shows how the Hex color 8084B0 looks on a white background.

## Color Contrast Check

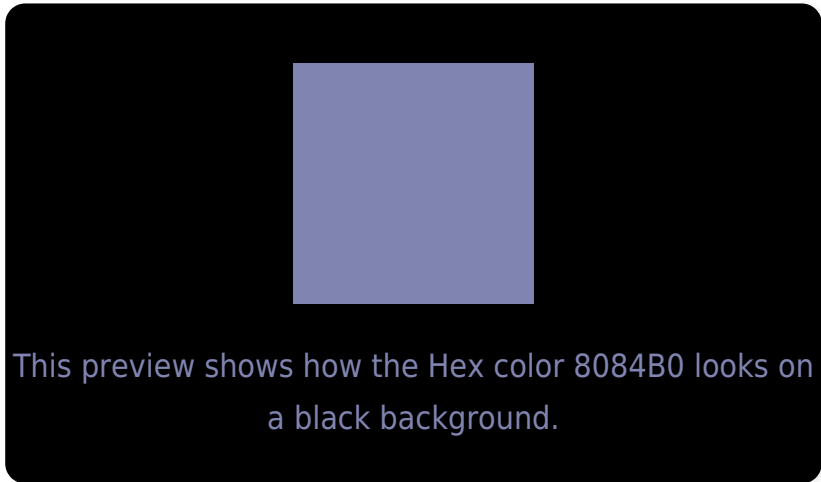
Large Text (above 18pt) WCAG AA ✓ Pass

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

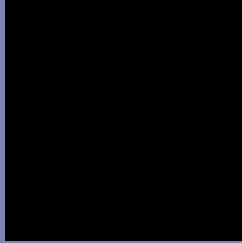
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8084B0 Background



This preview shows how black text looks on a background with the Hex color 8084B0.



This preview shows how white text looks on a background with the Hex color 8084B0.

# 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



**Original Color**

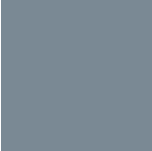
8084B0

**Protanopia**

7B85B1

**Deuteranopia**

7E85B0



**Tritanopia**  
7A8994

# Trichromacy



**Original Color**  
8084B0

**Protanomaly**  
7D85B1

**Deuteranomaly**  
7F85B0

**Tritanomaly**  
7C879E

# Monochromacy



**Original Color**  
8084B0

**Achromatopsia**  
888888

**Achromatomaly**  
858797

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8084B0 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 #8084B0 looks like.

```
.text, #text, p{  
    color:#8084B0  
}
```

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 #8084B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8084B0
}
```

## Border

The CSS property to change the border of an element to Hex 8084B0 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
#8084B0 }
```

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

```
.border{ border-color:#8084B0 }
```

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

Here you see how a box with a 4 pixel #8084B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8084B0; -webkit-box-shadow:4px 4px  
4px 4px #8084B0; box-shadow:4px 4px 4px  
4px #8084B0 }
```

# Background

The CSS property to change the background color of an element to Hex 8084B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8084B0 }
```

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

```
.background{ background-color:#8084B0 }
```

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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