

Converting Colors

Hex(8780B1)

Have a look what the booklet for
Hex(8780B1) contains.

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Color

Hex(8780B1)

Conversions

Conversions Part 1

Format	Color
Hex	8780B1
RGB	135, 128, 177
RGB Percent	53%, 50%, 69%
CMY	0.4706, 0.4980, 0.3059
CMYK	0.24, 0.28, 0.00, 0.31
HSL	249°, 24%, 60%
HSV	249°, 28%, 69%
XYZ	25.6467, 23.7636, 44.8301
YIQ	135.6790, -11.5570, 16.7230

Conversions

Conversions Part 2

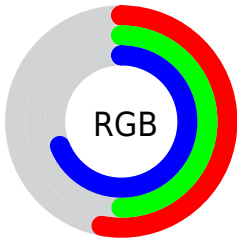
Format	Color
RYB	135, 128, 177
Decimal	8880305
CIELab	55.85, 13.40, -24.91
CIELCh	56, 28.283, 298.277
Yxy	23.7636, 0.2721, 0.2522
Android (android.graphics.Color)	4287070385 (0xFF8780B1)
YUV	135.6790, 20.3713, -0.5955
Hunter-Lab	48.7479, 8.6015, -20.4014

Details

The Hex color **8780B1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **AAB180**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **BDB5E9**, and **544F7C** is the 20% darker color. If you saturate the color by 10%, you get **786EB1**, and if you desaturate by 10%, it is **9692B1**.

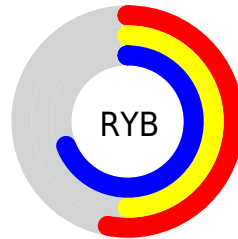
Distribution



Red (53%)

Green (50%)

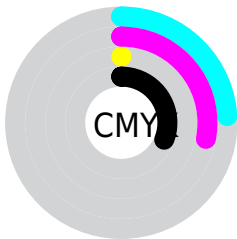
Blue (69%)



Red (53%)

Yellow (50%)

Blue (69%)

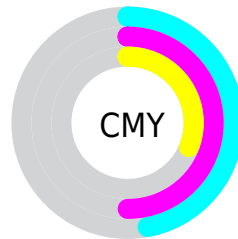


Cyan (24%)

Magenta (28%)

Yellow (0%)

Black (31%)



Cyan (47%)

Magenta (50%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8780B1 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 8780B1 by changing the saturation by 10% instead.



8780B1



8780B1

FFFFFF



6D6796



BDB5E9



544F7C



D9D0FF



3C3863



F6EDFF



24234B



0D0E34



00021F



000001



000000



8780B1



8780B1

786EB1

9692B1

695DB1

A5A3B1

594BB1

B5B5B1

4A39B1

C4C7B1

3B28B1

D3D9B1

2C16B1

E2EAB1

1D04B1

F1FCB1

1900B1

FFFFB1

Harmonies

Analogous

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



6289B7



8780B1



A478A0

Triad

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



8780B1



AB7B5D



449384

Complementary

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



8780B1



AAB180

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.



62916B



8780B1



988455

Square

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



8780B1



B67570



7E8B5A



2F939C

Rectangle

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



8780B1



B07491



7E8B5A



4E937B

Sweetspot

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



8780B1



D6D3E6



80AAB1



696773



F2F2F2



737373

Same Dimension

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



8780B1



A59AE6



9F80B1



525059



160099



04001A

Inverse Universe

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



B180AA



E69ADB



92B180



595058



990083



1A0016

Previews

White Background



This preview shows how the Hex color 8780B1 looks on a white background.

Color Contrast Check

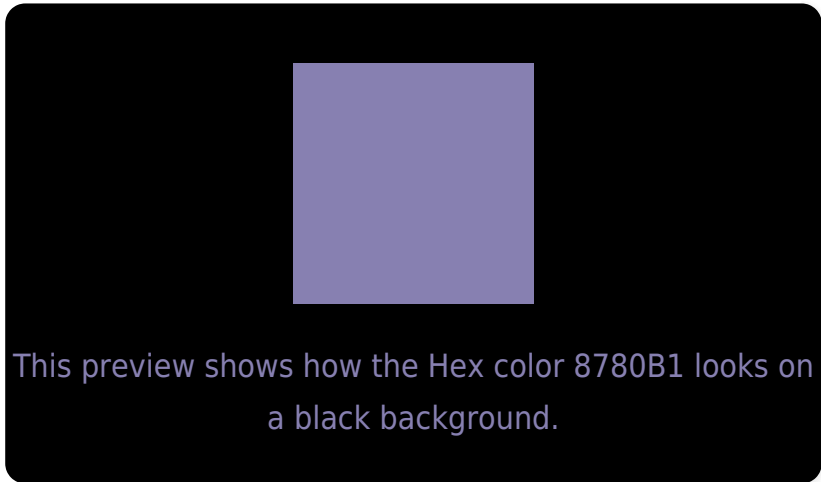
Large Text (above 18pt) WCAG AA ✓ Pass

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

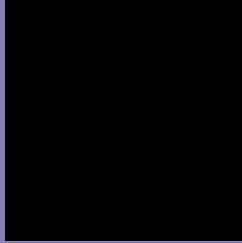
Any Text WCAG AA ✓ Pass

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 8780B1 Background



This preview shows how black text looks on a background with the Hex color 8780B1.



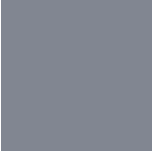
This preview shows how white text looks on a background with the Hex color 8780B1.

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](#).

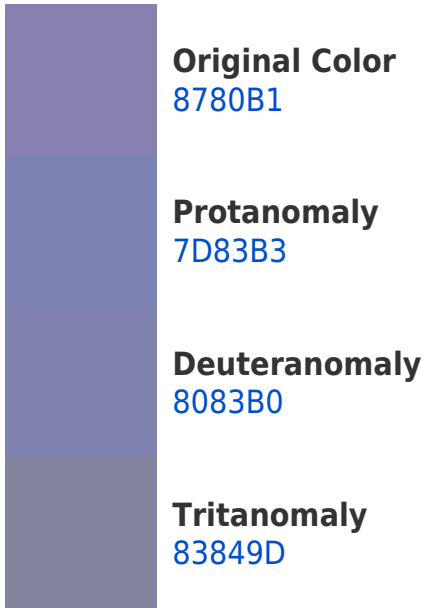
Dichromacy





Tritanopia
818691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8780B1 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 #8780B1 looks like.

```
.text, #text, p{  
    color:#8780B1  
}
```

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 #8780B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8780B1  
}
```

Border

The CSS property to change the border of an element to Hex 8780B1 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  
#8780B1 }
```

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

```
.border{ border-color:#8780B1 }
```

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

Here you see how a box with a 4 pixel #8780B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8780B1; -webkit-box-shadow:4px 4px  
4px 4px #8780B1; box-shadow:4px 4px 4px  
4px #8780B1 }
```

Background

The CSS property to change the background color of an element to Hex 8780B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8780B1 }
```

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

```
.background{ background-color:#8780B1 }
```

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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