

Converting Colors

Hex(8785B1)

Have a look what the booklet for
Hex(8785B1) contains.

Hex(8785B1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8785B1)

Conversions

Conversions Part 1

Format	Color
Hex	8785B1
RGB	135, 133, 177
RGB Percent	53%, 52%, 69%
CMY	0.4706, 0.4784, 0.3059
CMYK	0.24, 0.25, 0.00, 0.31
HSL	243°, 22%, 61%
HSV	243°, 25%, 69%
XYZ	26.3150, 25.1003, 45.0529
YIQ	138.6140, -12.9320, 14.1080

Conversions

Conversions Part 2

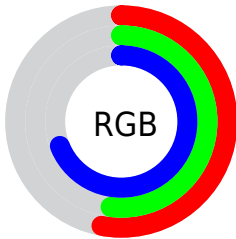
Format	Color
RYB	135, 133, 177
Decimal	8881585
CIELab	57.17, 10.48, -22.87
CIELCh	57, 25.160, 294.616
Yxy	25.1003, 0.2728, 0.2602
Android (android.graphics.Color)	4287071665 (0xFF8785B1)
YUV	138.6140, 18.9243, -3.1695
Hunter-Lab	50.1002, 6.0814, -18.2467

Details

The Hex color **8785B1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **AFB185**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **BDBAE9**, and **54547C** is the 20% darker color. If you saturate the color by 10%, you get **7673B1**, and if you desaturate by 10%, it is **9897B1**.

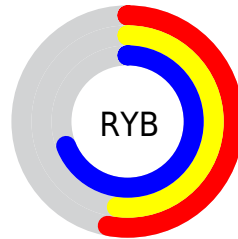
Distribution



Red (53%)

Green (52%)

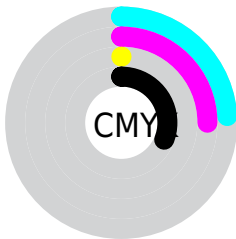
Blue (69%)



Red (53%)

Yellow (52%)

Blue (69%)

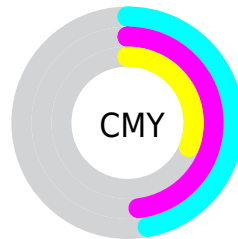


Cyan (24%)

Magenta (25%)

Yellow (0%)

Black (31%)



Cyan (47%)

Magenta (48%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8785B1 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 8785B1 by changing the saturation by 10% instead.

■ 8785B1

■ 8785B1

FFFFFF

■ 6D6C96

■ BDBAE9

■ 54547C

■ D9D6FF

■ 3C3D63

■ F6F2FF

■ 25274B

■ 0D1334

■ 00021F

■ 000002

■ 000000

■ 8785B1

■ 8785B1

7673B1

9897B1

6562B1

A9A8B1

5450B1

BABAB1

433EB1

CBCCB1

332DB1

DBDEB1

221BB1

ECEFB1

1109B1

FDFFB1

0800B1

FFFFB1

Harmonies

Analogous

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



678DB4



8785B1



A27EA3

Triad

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



8785B1



AD7F66



549584

Complementary

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



8785B1



AFB185

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.



6D936F



8785B1



9C865E

Square

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



8785B1



B57A78



868D61



44959B

Rectangle

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



8785B1



AE7A95



868D61



5C957D

Sweetspot

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



8785B1



D6D5E6



85B0B1



6A6A73



F2F2F2



737373

Same Dimension

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



8785B1



A4A1E6



9C85B1



515059



070099



01001A

Inverse Universe

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



B185AF



E6A1E2



9AB185



595059



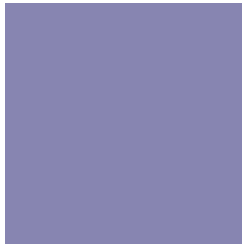
990092



1A0018

Previews

White Background



This preview shows how the Hex color 8785B1 looks on a white background.

Color Contrast Check

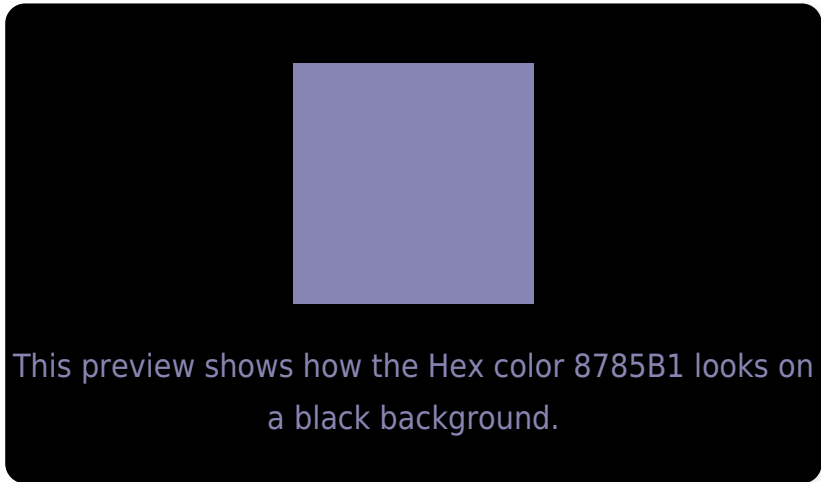
Large Text (above 18pt) WCAG AA ✓ Pass

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 8785B1 Background



This preview shows how black text looks on a background with the Hex color 8785B1.



This preview shows how white text looks on a background with the Hex color 8785B1.

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](#).

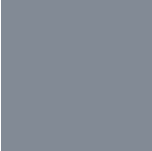
Dichromacy



Original Color
8785B1

Protanopia
7E88B3

Deuteranopia
8287B1



Tritanopia
828A95

Trichromacy



Original Color
8785B1

Protanomaly
8187B2

Deuteranomaly
8486B1

Tritanomaly
84889F

Monochromacy



Original Color
8785B1

Achromatopsia
8B8B8B

Achromatomaly
8A8999

CSS Examples

Text

The CSS property to change the color of the text to Hex 8785B1 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 #8785B1 looks like.

```
.text, #text, p{  
    color:#8785B1  
}
```

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 #8785B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8785B1
}
```

Border

The CSS property to change the border of an element to Hex 8785B1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

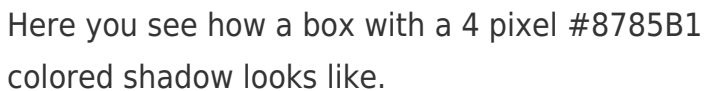
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8785B1 }
```

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

```
.border{ border-color:#8785B1 }
```

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

A rectangular box with a 4px blue shadow. The box is white with a thin blue border and a blue shadow that is 4 pixels wide and 4 pixels high, extending to the right and bottom of the box. The shadow is a darker shade of blue than the border.

Here you see how a box with a 4 pixel #8785B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8785B1; -webkit-box-shadow:4px 4px  
4px 4px #8785B1; box-shadow:4px 4px 4px  
4px #8785B1 }
```

Background

The CSS property to change the background color of an element to Hex 8785B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8785B1 }
```

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

```
.background{ background-color:#8785B1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor