

# Converting Colors

Hex(7883B1)

Have a look what the booklet for  
Hex(7883B1) contains.

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# Color

Hex(7883B1)

# Conversions

## Conversions Part 1

Format	Color
Hex	7883B1
RGB	120, 131, 177
RGB Percent	47%, 51%, 69%
CMY	0.5294, 0.4863, 0.3059
CMYK	0.32, 0.26, 0.00, 0.31
HSL	228°, 27%, 58%
HSV	228°, 32%, 69%
XYZ	23.7978, 23.4000, 44.8573
YIQ	132.9550, -21.3220, 11.9740

# Conversions

## Conversions Part 2

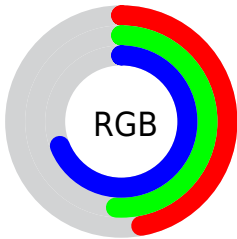
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 129, 177
Decimal	7898033
CIE <sub>Lab</sub>	55.48, 7.03, -25.57
CIE <sub>LCh</sub>	55, 26.521, 285.366
Yxy	23.4000, 0.2585, 0.2542
Android (android.graphics.Color)	4286088113 (0xFF7883B1)
YUV	132.9550, 21.7142, -11.3615
Hunter-Lab	48.3735, 3.1611, -21.1188

# Details

The Hex color **7883B1** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **B1A678**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **AEB8E9**, and **45527C** is the 20% darker color. If you saturate the color by 10%, you get **6675B1**, and if you desaturate by 10%, it is **8A91B1**.

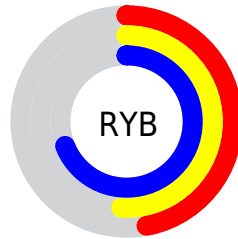
# Distribution



Red (47%)

Green (51%)

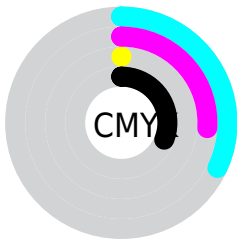
Blue (69%)



Red (47%)

Yellow (51%)

Blue (69%)

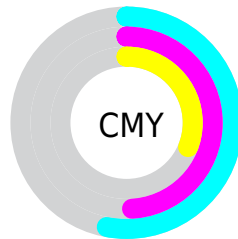


Cyan (32%)

Magenta (26%)

Yellow (0%)

Black (31%)



Cyan (53%)

Magenta (49%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7883B1 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 7883B1 by changing the saturation by 10% instead.



■ 7883B1

■ 7883B1

FFFFFF

■ 5E6A96

■ AEB8E9

■ 45527C

■ C9D3FF

■ 2D3B63

■ E6F0FF

■ 13264B

■ 001134

■ 00021F

■ 000001

■ 000000

■ 7883B1

■ 7883B1

6675B1

8A91B1

5566B1

9BA0B1

4358B1

ADAEB1

314AB1

BFBCB1

203CB1

D1CAB1

0E2DB1

E2D9B1

0022B1

F4E7B1

FFF5B1

FFFFB1

# Harmonies

## Analogous

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



558AB1



7883B1



977BA5

# Triad

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



7883B1



AE7865



549179

# Complementary

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



7883B1



B1A678

# 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.



6F8D64



7883B1



9F8059

# Square

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



7883B1



B3747A



898758



3D9190

# Rectangle

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



7883B1



A67699



898758



5D9071



# Sweetspot

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



7883B1



CFD3E6



78B1A6



656873



F2F2F2



737373



# Same Dimension

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



7883B1



8C9DE6



8978B1



505259



001E99



00051A



# Inverse Universe

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



B17883



E68C9D



A0B178



595052



99001E

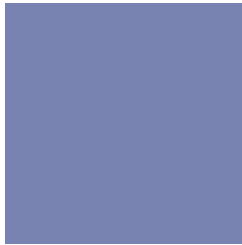


1A0005



# Previews

## White Background



This preview shows how the Hex color 7883B1 looks on a white background.

## Color Contrast Check

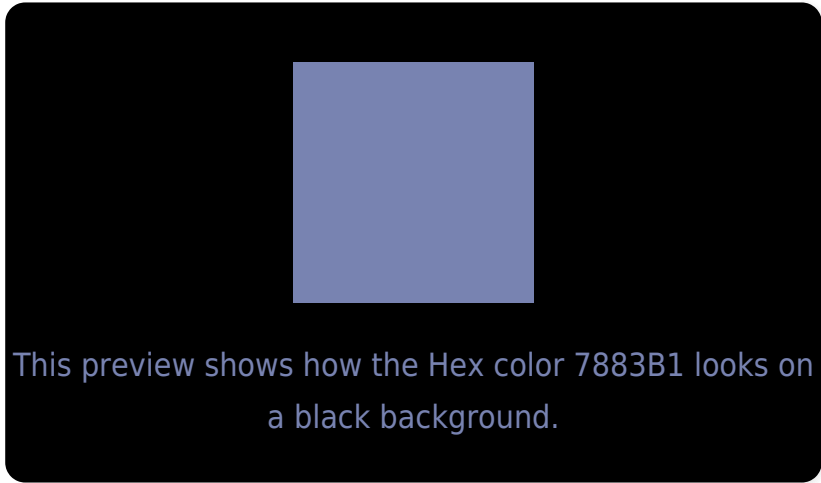
Large Text (above 18pt) WCAG AA ✓ Pass

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

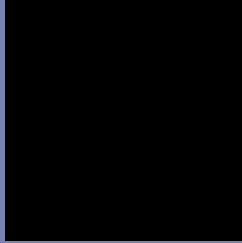
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7883B1 Background



This preview shows how black text looks on a background with the Hex color 7883B1.



This preview shows how white text looks on a background with the Hex color 7883B1.

# 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**  
7883B1

**Protanopia**  
7883B1

**Deuteranopia**  
7983B1



**Tritanopia**  
718993

# Trichromacy



**Original Color**  
7883B1

**Protanomaly**  
7883B1

**Deuteranomaly**  
7983B1

**Tritanomaly**  
74879E

# Monochromacy



**Original Color**  
7883B1

**Achromatopsia**  
858585

**Achromatomaly**  
808495

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7883B1 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 #7883B1 looks like.

```
.text, #text, p{  
    color:#7883B1  
}
```

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 #7883B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7883B1
}
```

## Border

The CSS property to change the border of an element to Hex 7883B1 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
#7883B1 }
```

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

```
.border{ border-color:#7883B1 }
```

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

Here you see how a box with a 4 pixel #7883B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7883B1; -webkit-box-shadow:4px 4px  
4px 4px #7883B1; box-shadow:4px 4px 4px  
4px #7883B1 }
```

# Background

The CSS property to change the background color of an element to Hex 7883B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7883B1 }
```

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

```
.background{ background-color:#7883B1 }
```

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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