

# Converting Colors

Hex(7B96BE)

Have a look what the booklet for  
Hex(7B96BE) contains.

<b>Hex(7B96BE)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(7B96BE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B96BE
RGB	123, 150, 190
RGB Percent	48%, 59%, 75%
CMY	0.5176, 0.4118, 0.2549
CMYK	0.35, 0.21, 0.00, 0.25
HSL	216°, 34%, 61%
HSV	216°, 35%, 75%
XYZ	28.3690, 29.7414, 52.9606
YIQ	146.4870, -28.9320, 6.7160

# Conversions

## Conversions Part 2

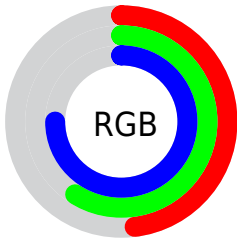
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 142, 190
Decimal	8099518
CIE <sub>Lab</sub>	61.43, 0.40, -23.79
CIE <sub>LCh</sub>	61, 23.790, 270.954
Yxy	29.7414, 0.2554, 0.2678
Android (android.graphics.Color)	4286289598 (0xFF7B96BE)
YUV	146.4870, 21.4519, -20.5981
Hunter-Lab	54.5356, -2.5831, -19.4028

# Details

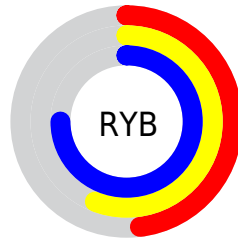
The Hex color **7B96BE** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **BEA37B**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **B1CCF6**, and **476388** is the 20% darker color. If you saturate the color by 10%, you get **688BBE**, and if you desaturate by 10%, it is **8EA1BE**.

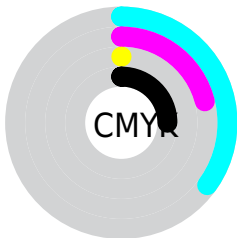
# Distribution



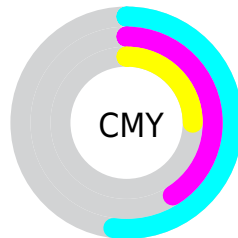
- Red (48%)
- Green (59%)
- Blue (75%)



- Red (48%)
- Yellow (56%)
- Blue (75%)



- Cyan (35%)
- Magenta (21%)
- Yellow (0%)
- Black (25%)



- Cyan (52%)
- Magenta (41%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B96BE 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 7B96BE by changing the saturation by 10% instead.



■ 7B96BE

■ 7B96BE

FFFFFF

■ 617CA3

■ B1CCF6

■ 476388

■ CDE8FF

■ 2E4C6F

■ EAFFFF

■ 123556

■ 00203F

■ 000829

■ 000113

■ 000000

■ 7B96BE

■ 7B96BE

688BBE

8EA1BE

557FBE

A1ADBE

4274BE

B4B8BE

2F69BE

C7C3BE

1C5DBE

DACFBE

0952BE

EDDABE

004DBE

FFE5BE

FFF1BE

FFFCBE

# Harmonies

## Analogous

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



609CB8



7B96BE



988FB8

# Triad

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



7B96BE



BE8780



749E7F

# Complementary

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



7B96BE



BEA37B

# 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.



8C9A70



7B96BE



B58C70

# Square

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



7B96BE



BD8594



A3936A



5FA094

# Rectangle

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



7B96BE



A98AAF



A3936A



7C9D79



# Sweetspot

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



7B96BE



DCE7F7



7BBEA2



6D737D



FCFCFC



7D7D7D



# Same Dimension

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



7B96BE



8FB9F7



817BBE



55595E



00409E



000C1F



# Inverse Universe

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



BE7B96



F78FB9



B8BE7B



5E5559



9E0040

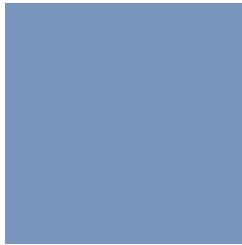


1F000C



# Previews

## White Background



This preview shows how the Hex color 7B96BE looks on a white background.

## Color Contrast Check

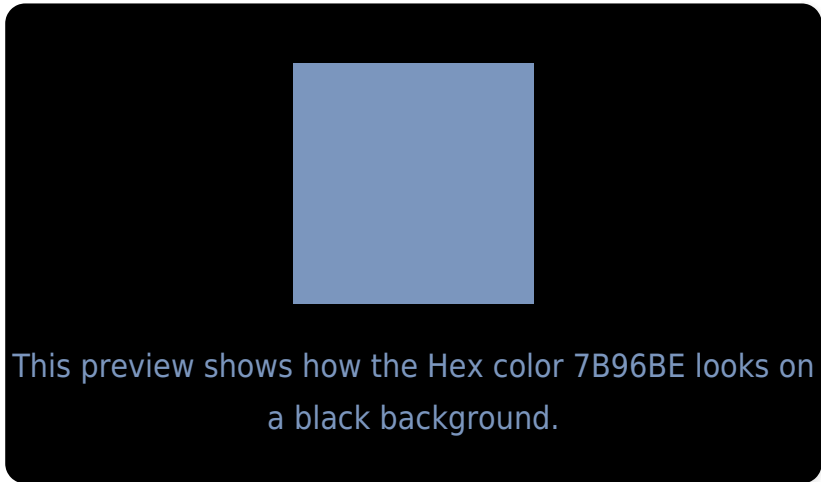
Large Text (above 18pt) WCAG AA ✓ Pass

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

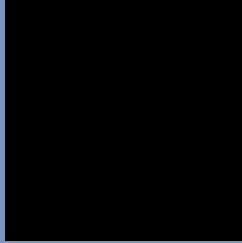
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

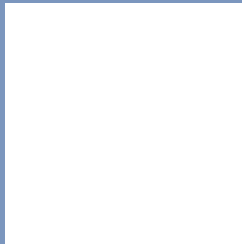
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7B96BE Background



This preview shows how black text looks on a background with the Hex color 7B96BE.



This preview shows how white text looks on a background with the Hex color 7B96BE.

# 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](#).

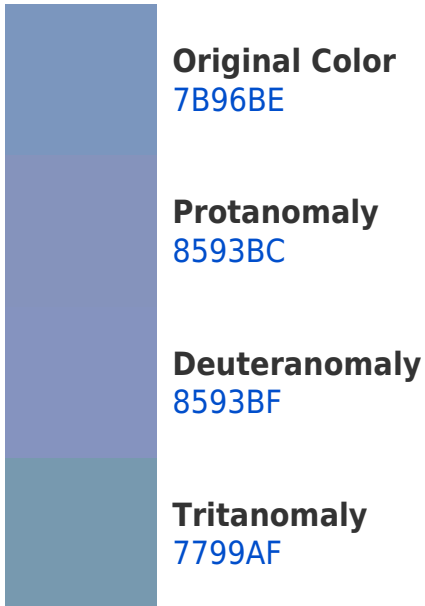
## Dichromacy





**Tritanopia**  
759AA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B96BE 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 #7B96BE looks like.

```
.text, #text, p{  
    color:#7B96BE  
}
```

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 #7B96BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B96BE
}
```

## Border

The CSS property to change the border of an element to Hex 7B96BE 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
#7B96BE }
```

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

```
.border{ border-color:#7B96BE }
```

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

Here you see how a box with a 4 pixel #7B96BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B96BE; -webkit-box-shadow:4px 4px  
4px 4px #7B96BE; box-shadow:4px 4px 4px  
4px #7B96BE }
```

# Background

The CSS property to change the background color of an element to Hex 7B96BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B96BE }
```

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

```
.background{ background-color:#7B96BE }
```

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