

# Converting Colors

Hex(7E96C8)

Have a look what the booklet for  
Hex(7E96C8) contains.

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# **Color**

**Hex(7E96C8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E96C8
RGB	126, 150, 200
RGB Percent	49%, 59%, 78%
CMY	0.5059, 0.4118, 0.2157
CMYK	0.37, 0.25, 0.00, 0.22
HSL	221°, 40%, 64%
HSV	221°, 37%, 78%
XYZ	29.9359, 30.4184, 58.9371
YIQ	148.5240, -30.3540, 10.4620

# Conversions

## Conversions Part 2

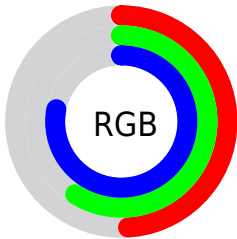
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 144, 200
Decimal	8296136
CIE Lab	62.01, 3.92, -28.49
CIE LCh	62, 28.757, 277.843
Yxy	30.4184, 0.2509, 0.2550
Android (android.graphics.Color)	4286486216 (0xFF7E96C8)
YUV	148.5240, 25.3777, -19.7535
Hunter-Lab	55.1529, 0.3685, -24.7510

# Details

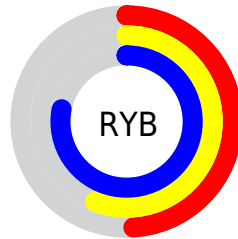
The Hex color **7E96C8** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C8B07E**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **B5CCFF**, and **496392** is the 20% darker color. If you saturate the color by 10%, you get **6A88C8**, and if you desaturate by 10%, it is **92A4C8**.

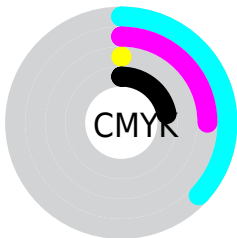
# Distribution



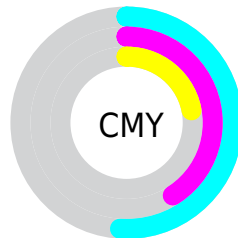
- Red (49%)
- Green (59%)
- Blue (78%)



- Red (49%)
- Yellow (56%)
- Blue (78%)



- Cyan (37%)
- Magenta (25%)
- Yellow (0%)
- Black (22%)



- Cyan (51%)
- Magenta (41%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E96C8 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 7E96C8 by changing the saturation by 10% instead.



 7E96C8

 7E96C8

FFFFFF

 647CAD

 B5CCFF

 496392

 D1E8FF

 2F4C78

 EEEFFF

 12355F

 002047

 000830

 00011B

 000000

 7E96C8

 7E96C8

 6A88C8

 92A4C8

 567BC8

 A6B1C8

 426DC8

 BABFC8

 2E60C8

 CECCC8

 1A52C8

 E2DAC8

 0645C8

 F6E7C8

 0041C8

 FFF5C8

 FFFFC8

# Harmonies

## Analogous

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



589EC4



7E96C8



A28DBE

# Triad

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



7E96C8



C68678



67A282

# Complementary

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



7E96C8



C8B07E

# 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.



859E6D



7E96C8



B88E67

# Square

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



7E96C8



C88390



A19663



4BA49C

# Rectangle

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



7E96C8



B587B1



A19663



71A17A



# Sweetspot

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



7E96C8



E3ECFF



7EC8AF



6F7480



000000



808080



# Same Dimension

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



7E96C8



8FB3FF



8A7EC8



5A5D63



0035A3



000C24



# Inverse Universe

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



C87E96



FF8FB3



BCC87E



635A5D



A30035

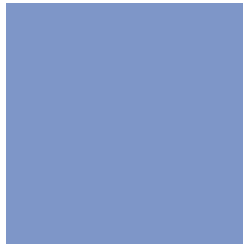


24000C



# Previews

## White Background



This preview shows how the Hex color 7E96C8 looks on a white background.

## Color Contrast Check

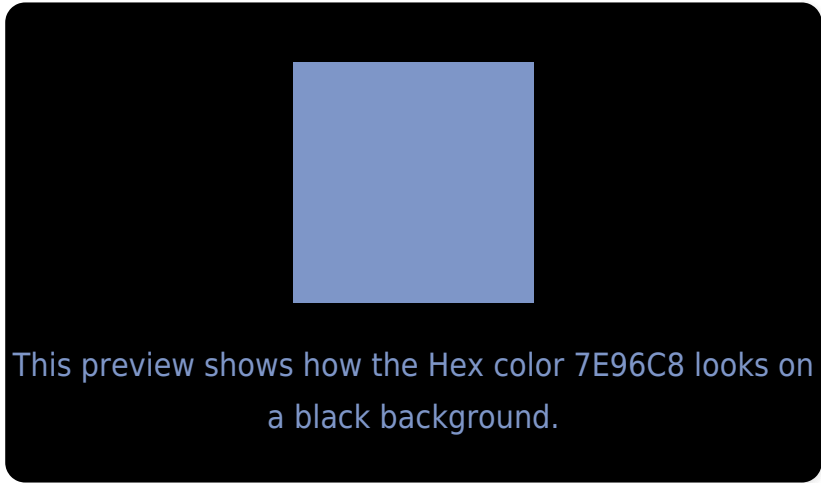
Large Text (above 18pt) WCAG AA × Fail

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

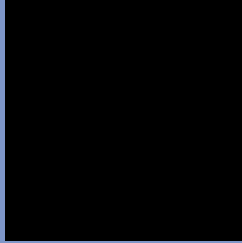
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

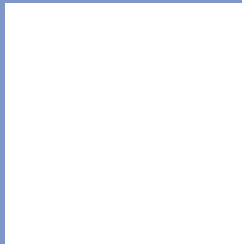
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7E96C8 Background



This preview shows how black text looks on a background with the Hex color 7E96C8.

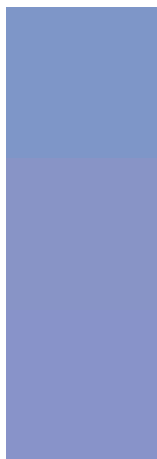


This preview shows how white text looks on a background with the Hex color 7E96C8.

# 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**  
7E96C8

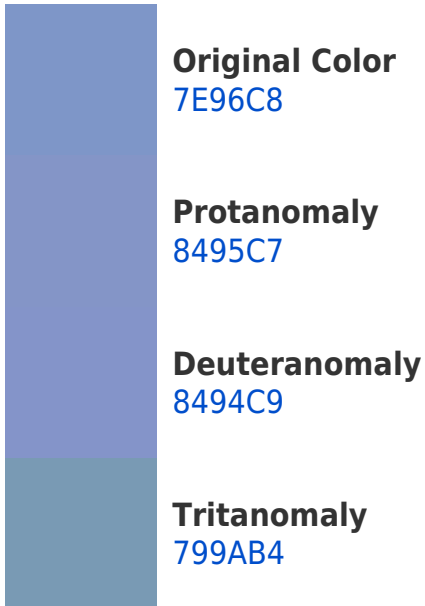
**Protanopia**  
8894C6

**Deuteranopia**  
8893C9

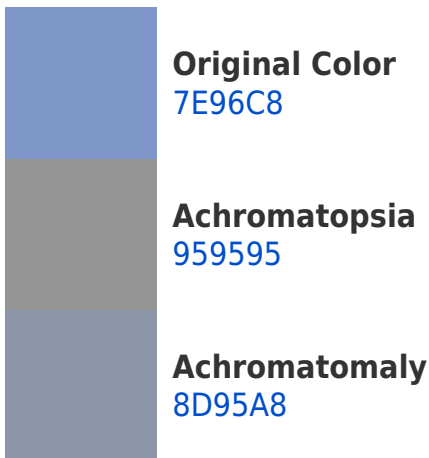


**Tritanopia**  
769CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E96C8 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 #7E96C8 looks like.

```
.text, #text, p{  
    color:#7E96C8  
}
```

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 #7E96C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E96C8
}
```

## Border

The CSS property to change the border of an element to Hex 7E96C8 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
#7E96C8 }
```

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

```
.border{ border-color:#7E96C8 }
```

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

Here you see how a box with a 4 pixel #7E96C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E96C8; -webkit-box-shadow:4px 4px  
4px 4px #7E96C8; box-shadow:4px 4px 4px  
4px #7E96C8 }
```

# Background

The CSS property to change the background color of an element to Hex 7E96C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E96C8 }
```

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

```
.background{ background-color:#7E96C8 }
```

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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