

# Converting Colors

Hex(7968B8)

Have a look what the booklet for  
Hex(7968B8) contains.

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# Color

**Hex(7968B8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7968B8
RGB	121, 104, 184
RGB Percent	47%, 41%, 72%
CMY	0.5255, 0.5922, 0.2784
CMYK	0.34, 0.43, 0.00, 0.28
HSL	253°, 36%, 56%
HSV	253°, 43%, 72%
XYZ	21.4872, 17.4263, 47.5785
YIQ	118.2030, -15.5480, 28.4840

# Conversions

## Conversions Part 2

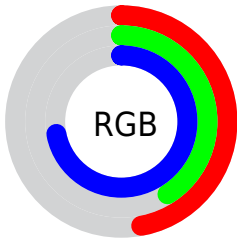
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 104, 184
Decimal	7956664
CIE <sub>Lab</sub>	48.79, 25.31, -40.06
CIE <sub>LCh</sub>	49, 47.384, 302.289
Yxy	17.4263, 0.2484, 0.2015
Android (android.graphics.Color)	4286146744 (0xFF7968B8)
YUV	118.2030, 32.4379, 2.4530
Hunter-Lab	41.7448, 18.8255, -38.3543

# Details

The Hex color **7968B8** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A7B868**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **B09BF0**, and **443982** is the 20% darker color. If you saturate the color by 10%, you get **6B56B8**, and if you desaturate by 10%, it is **877AB8**.

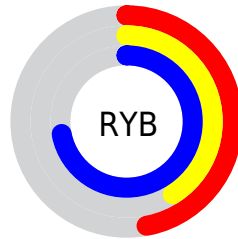
# Distribution



Red (47%)

Green (41%)

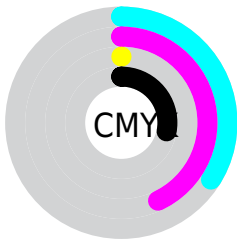
Blue (72%)



Red (47%)

Yellow (41%)

Blue (72%)

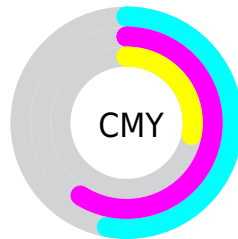


Cyan (34%)

Magenta (43%)

Yellow (0%)

Black (28%)



Cyan (53%)

Magenta (59%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7968B8 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 7968B8 by changing the saturation by 10% instead.



■ 7968B8

■ 7968B8

FFFFFF

■ 5F509D

■ B09BF0

■ 443982

■ CCB6FF

■ 2A2369

■ E9D2FF

■ 0B0E50

■ FFEEFF

■ 000039

■ 000222

■ 000009

■ 000000

■ 7968B8

■ 7968B8

6B56B8

877AB8

5C43B8

968DB8

4E31B8

A49FB8

3F1EB8

B3B2B8

310CB8

C1C4B8

2700B8

D0D6B8

DEE9B8

EDFBB8

FBFFB8

# Harmonies

## Analogous

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



1477C4



7968B8



A7579A

# Triad

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



7968B8



A6642C



008776

# Complementary

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



7968B8



A7B868

# 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.



1D844D



7968B8



86731C

# Square

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



7968B8



BA554B



5E7E2B



00879E

# Rectangle

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



7968B8



B75080



5E7E2B



008768



# Sweetspot

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



7968B8



D7D1F0



68A8B8



696578



F7F7F7



787878



# Same Dimension

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



7968B8



8E73F0



A068B8



55535C



21009C



06001C



# Inverse Universe

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



B868A7



F073D5



80B868



5C535A



9C007A

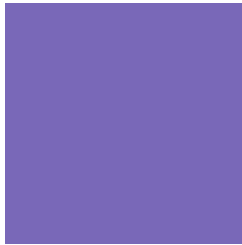


1C0016



# Previews

## White Background



This preview shows how the Hex color 7968B8 looks on a white background.

## Color Contrast Check

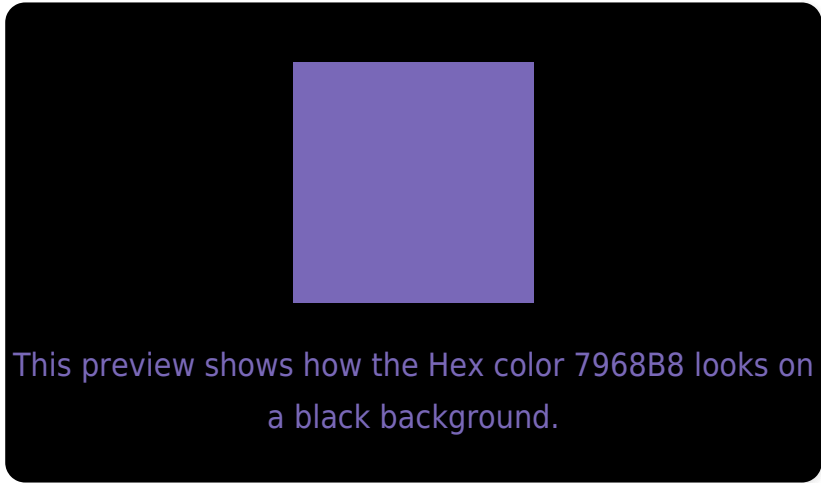
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

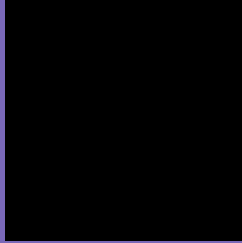
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7968B8 Background



This preview shows how black text looks on a background with the Hex color 7968B8.

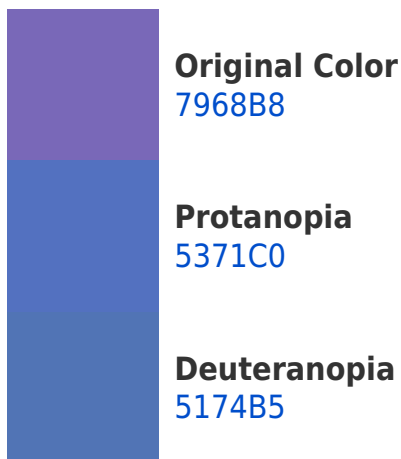


This preview shows how white text looks on a background with the Hex color 7968B8.

# 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](#).

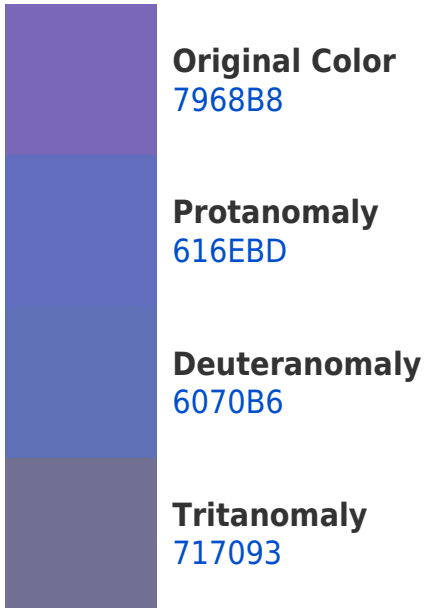
## Dichromacy





**Tritanopia**  
6D757E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7968B8 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 #7968B8 looks like.

```
.text, #text, p{  
    color:#7968B8  
}
```

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 #7968B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7968B8
}
```

## Border

The CSS property to change the border of an element to Hex 7968B8 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
#7968B8 }
```

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

```
.border{ border-color:#7968B8 }
```

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

Here you see how a box with a 4 pixel #7968B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7968B8; -webkit-box-shadow:4px 4px  
4px 4px #7968B8; box-shadow:4px 4px 4px  
4px #7968B8 }
```

# Background

The CSS property to change the background color of an element to Hex 7968B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7968B8 }
```

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

```
.background{ background-color:#7968B8 }
```

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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