

# Converting Colors

Hex(7757A8)

Have a look what the booklet for  
Hex(7757A8) contains.

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# Color

**Hex(7757A8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7757A8
RGB	119, 87, 168
RGB Percent	47%, 34%, 66%
CMY	0.5333, 0.6588, 0.3412
CMYK	0.29, 0.48, 0.00, 0.34
HSL	264°, 32%, 50%
HSV	264°, 48%, 66%
XYZ	18.0838, 13.5655, 38.7111
YIQ	105.8020, -6.9290, 31.9750

# Conversions

## Conversions Part 2

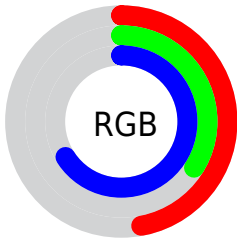
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 87, 168
Decimal	7821224
CIE <sub>Lab</sub>	43.60, 30.67, -38.92
CIE <sub>LCh</sub>	44, 49.550, 308.236
Yxy	13.5655, 0.2570, 0.1928
Android (android.graphics.Color)	4286011304 (0xFF7757A8)
YUV	105.8020, 30.6636, 11.5746
Hunter-Lab	36.8313, 23.1869, -36.5340

# Details

The Hex color **7757A8** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **88A857**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **AD8AE0**, and **432873** is the 20% darker color. If you saturate the color by 10%, you get **6D46A8**, and if you desaturate by 10%, it is **8168A8**.

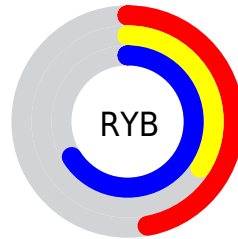
# Distribution



Red (47%)

Green (34%)

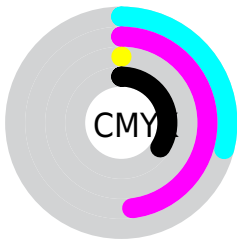
Blue (66%)



Red (47%)

Yellow (34%)

Blue (66%)

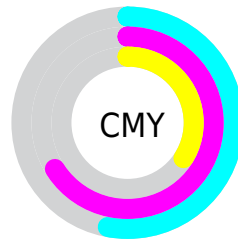


Cyan (29%)

Magenta (48%)

Yellow (0%)

Black (34%)



Cyan (53%)

Magenta (66%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7757A8 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 7757A8 by changing the saturation by 10% instead.



7757A8

7757A8

FFFFFF

5D3F8D

AD8AE0

432873

C9A4FC

2A125A

E6BFFF

110042

FFDBFF

00012B

FFF8FF

000116

000000

7757A8

7757A8

6D46A8

8168A8

6335A8

8B79A8

5925A8

9589A8

4E14A8

A09AA8

4403A8

AAABA8

4200A8

B4BCA8

BECD A8

C8DD A8

D2EE A8

# Harmonies

## Analogous

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



1568B9



7757A8



A14586

# Triad

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



7757A8



935A15



007A72

# Complementary

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



7757A8



88A857

# 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.



007847



7757A8



716904

# Square

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



7757A8



AA4936



457320



007999

# Rectangle

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



7757A8



AE3E6B



457320



007A63



# Sweetspot

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



7757A8



C9BDD8



5789A8



625B6E



EDEDED



6E6E6E



# Same Dimension

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



7757A8



8E5CDB



9F57A8



4F4C54



3A0094



080014



# Inverse Universe

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



A85788



DB5CA9



60A857



544C51



940059



14000C



# Previews

## White Background



This preview shows how the Hex color 7757A8 looks on a white background.

## Color Contrast Check

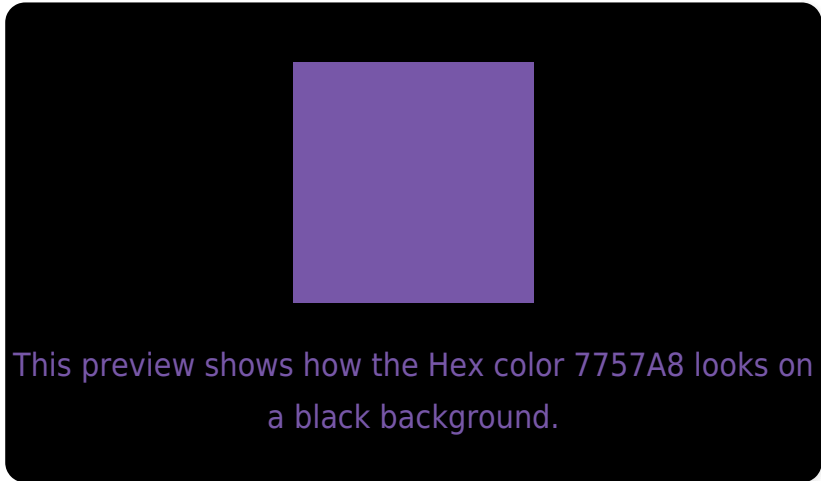
Large Text (above 18pt) WCAG AA ✓ Pass

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

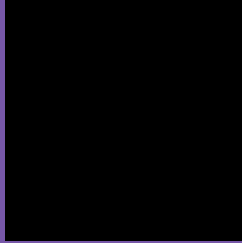
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7757A8 Background



This preview shows how black text looks on a background with the Hex color 7757A8.

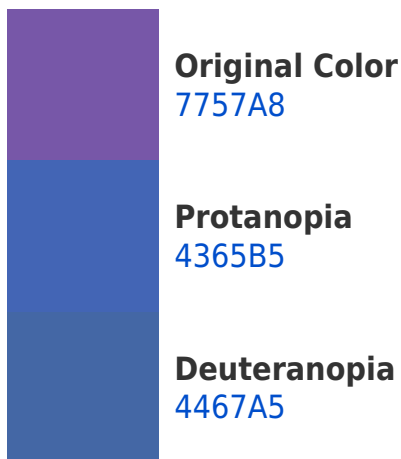



This preview shows how white text looks on a background with the Hex color 7757A8.

# 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](#).

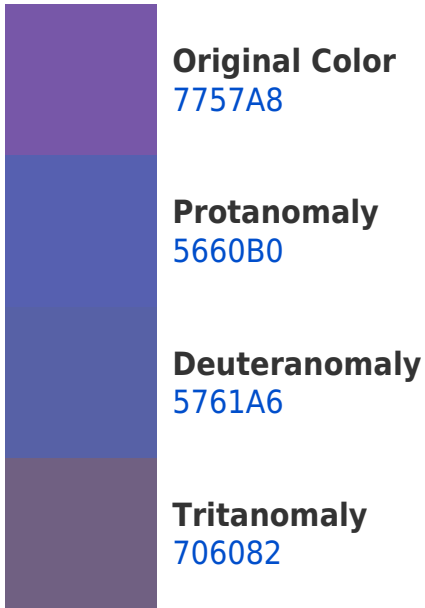
## Dichromacy



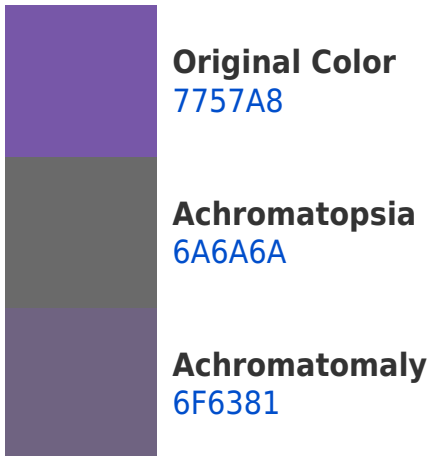


**Tritanopia**  
6C656D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7757A8 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 #7757A8 looks like.

```
.text, #text, p{  
    color:#7757A8  
}
```

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 #7757A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7757A8
}
```

## Border

The CSS property to change the border of an element to Hex 7757A8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

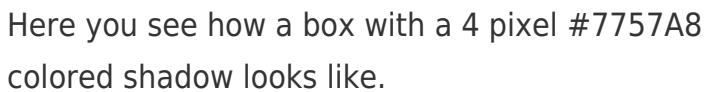
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7757A8 }
```

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

```
.border{ border-color:#7757A8 }
```

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



Here you see how a box with a 4 pixel #7757A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7757A8; -webkit-box-shadow:4px 4px  
4px 4px #7757A8; box-shadow:4px 4px 4px  
4px #7757A8 }
```

# Background

The CSS property to change the background color of an element to Hex 7757A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7757A8 }
```

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

```
.background{ background-color:#7757A8 }
```

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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