

# Converting Colors

Hex(7754A7)

Have a look what the booklet for  
Hex(7754A7) contains.

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**Color**

**Hex(7754A7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7754A7
RGB	119, 84, 167
RGB Percent	47%, 33%, 65%
CMY	0.5333, 0.6706, 0.3451
CMYK	0.29, 0.50, 0.00, 0.35
HSL	265°, 33%, 49%
HSV	265°, 50%, 65%
XYZ	17.7531, 13.0526, 38.1429
YIQ	103.9270, -5.7830, 33.2330

# Conversions

## Conversions Part 2

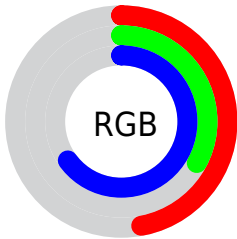
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 84, 167
Decimal	7820455
CIE <sub>Lab</sub>	42.84, 32.18, -39.54
CIE <sub>LCh</sub>	43, 50.978, 309.146
Yxy	13.0526, 0.2575, 0.1893
Android (android.graphics.Color)	4286010535 (0xFF7754A7)
YUV	103.9270, 31.0950, 13.2190
Hunter-Lab	36.1284, 24.4884, -37.3062

# Details

The Hex color **7754A7** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **84A754**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **AD86DF**, and **432572** is the 20% darker color. If you saturate the color by 10%, you get **6D43A7**, and if you desaturate by 10%, it is **8165A7**.

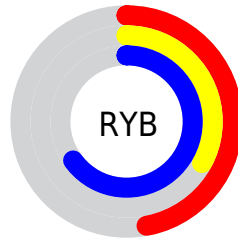
# Distribution



Red (47%)

Green (33%)

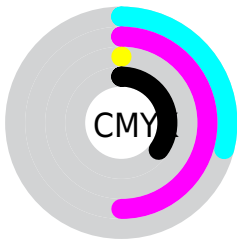
Blue (65%)



Red (47%)

Yellow (33%)

Blue (65%)

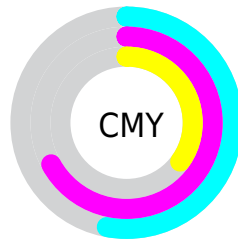


Cyan (29%)

Magenta (50%)

Yellow (0%)

Black (35%)



Cyan (53%)

Magenta (67%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7754A7 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 7754A7 by changing the saturation by 10% instead.



7754A7

7754A7

FFFFFF

5D3C8C

AD86DF

432572

C9A1FB

290F59

E6BCFF

110042

FFD8FF

00022B

FFF5FF

000115

000000

7754A7

7754A7

6D43A7

8165A7

6433A7

8A75A7

5A22A7

9486A7

5011A7

9E97A7

4701A7

A7A7A7

4600A7

B1B8A7

BBC9A7

C4DAA7

CEEAA7

# Harmonies

## Analogous

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



0D66B9



7754A7



A14184

# Triad

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



7754A7



91580E



007971

# Complementary

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



7754A7



84A754

# 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.



007745



7754A7



6E6700

# Square

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



7754A7



A94632



40711D



00779A

# Rectangle

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



7754A7



AE3A68



40711D



007863



# Sweetspot

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



7754A7



C6B8D9



5484A7



625A6E



EDEDED



6E6E6E



# Same Dimension

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



7754A7



8E57D9



A054A7



4F4C54



3E0094



090014



# Inverse Universe

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



A75484



D957A2



5BA754



544C51



940056

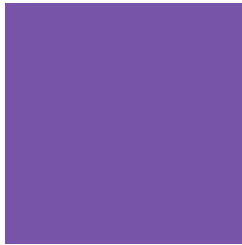


14000C



# Previews

## White Background



This preview shows how the Hex color 7754A7 looks on a white background.

## Color Contrast Check

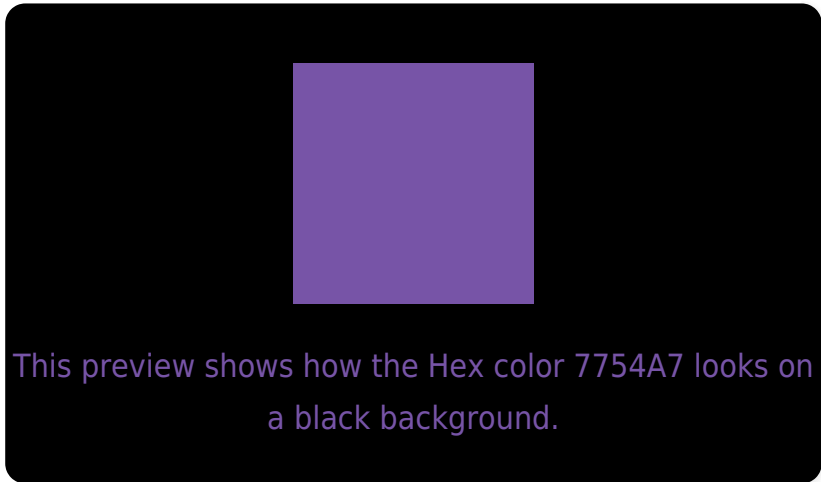
Large Text (above 18pt) WCAG AA ✓ Pass

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

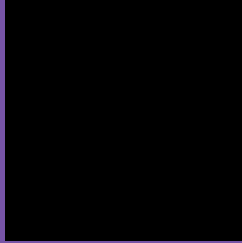
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7754A7 Background



This preview shows how black text looks on a background with the Hex color 7754A7.



This preview shows how white text looks on a background with the Hex color 7754A7.

# 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](#).

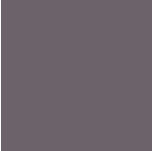
## Dichromacy



**Original Color**  
7754A7

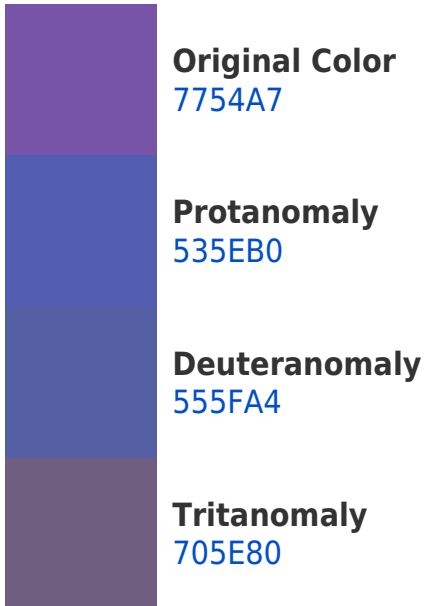
**Protanopia**  
3E63B5

**Deuteranopia**  
4166A3

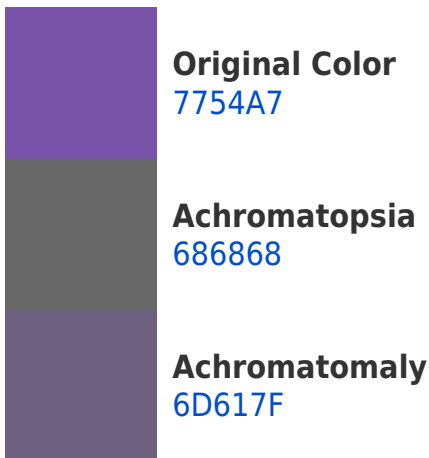


**Tritanopia**  
6C636A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7754A7 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 #7754A7 looks like.

```
.text, #text, p{  
    color:#7754A7  
}
```

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 #7754A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7754A7
}
```

## Border

The CSS property to change the border of an element to Hex 7754A7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

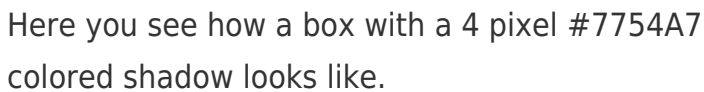
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7754A7 }
```

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

```
.border{ border-color:#7754A7 }
```

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



Here you see how a box with a 4 pixel #7754A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7754A7; -webkit-box-shadow:4px 4px  
4px 4px #7754A7; box-shadow:4px 4px 4px  
4px #7754A7 }
```

# Background

The CSS property to change the background color of an element to Hex 7754A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7754A7 }
```

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

```
.background{ background-color:#7754A7 }
```

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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