

# Converting Colors

Hex(7695BA)

Have a look what the booklet for  
Hex(7695BA) contains.

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**Color**

**Hex(7695BA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7695BA
RGB	118, 149, 186
RGB Percent	46%, 58%, 73%
CMY	0.5373, 0.4157, 0.2706
CMYK	0.37, 0.20, 0.00, 0.27
HSL	213°, 33%, 60%
HSV	213°, 37%, 73%
XYZ	27.0816, 28.8916, 50.6037
YIQ	143.9490, -30.3530, 4.9350

# Conversions

## Conversions Part 2

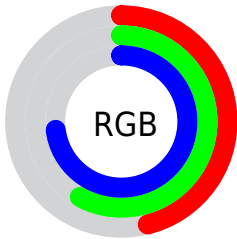
Format	Color
R <sub>Y</sub> B	118, 139, 186
Decimal	7771578
CIE Lab	60.69, -1.53, -22.70
CIE LCh	61, 22.753, 266.150
Yxy	28.8916, 0.2541, 0.2711
Android (android.graphics.Color)	4285961658 (0xFF7695BA)
YUV	143.9490, 20.7311, -22.7573
Hunter-Lab	53.7509, -4.1296, -18.1928

# Details

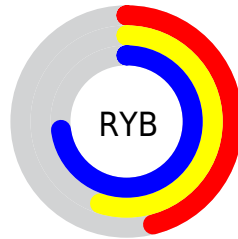
The Hex color **7695BA** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **BA9B76**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **ACCBF2**, and **426285** is the 20% darker color. If you saturate the color by 10%, you get **638BBA**, and if you desaturate by 10%, it is **899FBA**.

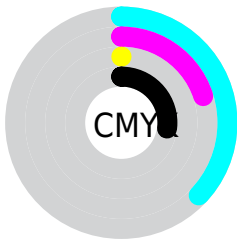
# Distribution



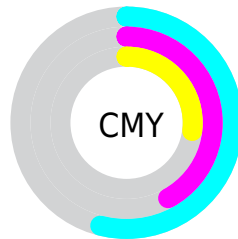
- Red (46%)
- Green (58%)
- Blue (73%)



- Red (46%)
- Yellow (55%)
- Blue (73%)



- Cyan (37%)
- Magenta (20%)
- Yellow (0%)
- Black (27%)



- Cyan (54%)
- Magenta (42%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7695BA 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 7695BA by changing the saturation by 10% instead.



■ 7695BA

■ 7695BA

FFFFFF

■ 5C7B9F

■ ACCBF2

■ 426285

■ C8E7FF

■ 284B6B

■ E5FFFF

■ 0A3453

■ 001F3C

■ 000626

■ 00010F

■ 000000

■ 7695BA

■ 7695BA

638BBA

899FBA

5181BA

9BA9BA

3E77BA

AEB3BA

2C6DBA

C0BDBA

1962BA

D3C8BA

0658BA

E6D2BA

0055BA

F8DCBA

FFE6BA

FFF0BA

# Harmonies

## Analogous

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



5E9AB3



7695BA



928EB6

# Triad

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



7695BA



BB8582



779B7B

# Complementary

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



7695BA



BA9B76

# 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.



8E976E



7695BA



B38A72

# Square

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



7695BA



B88496



A4906A



629E8F

# Rectangle

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



7695BA



A38AAE



A4906A



7F9A76



# Sweetspot

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



7695BA



D8E4F2



76BA9A



6A727A



FAFAFA



7A7A7A



# Same Dimension

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



7695BA



88B8F2



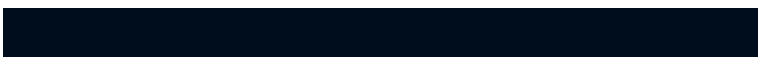
7876BA



53575C



00479C



000D1C



# Inverse Universe

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



BA7695



F288B8



B8BA76



5C5357



9C0047

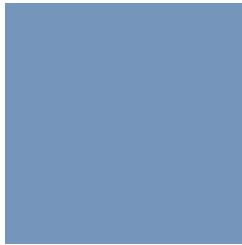


1C000D



# Previews

## White Background



This preview shows how the Hex color 7695BA looks on a white background.

## Color Contrast Check

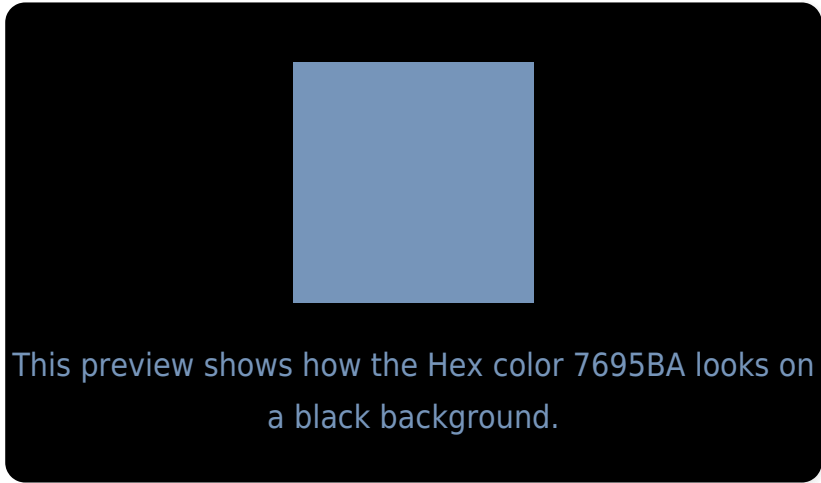
Large Text (above 18pt) WCAG AA ✓ Pass

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

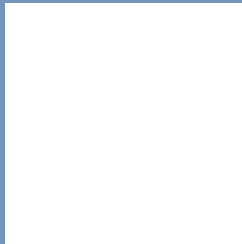
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7695BA Background



This preview shows how black text looks on a background with the Hex color 7695BA.



This preview shows how white text looks on a background with the Hex color 7695BA.

# 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](#).

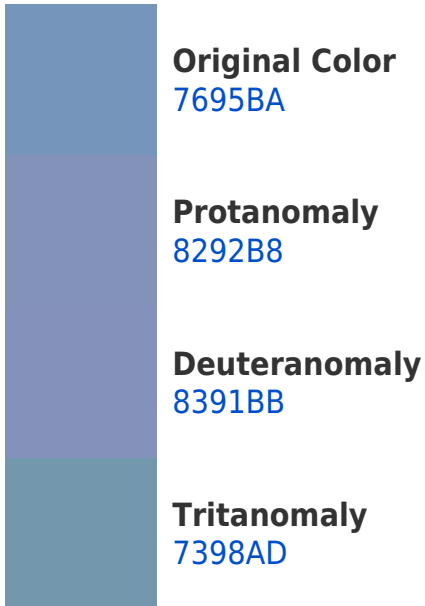
## Dichromacy



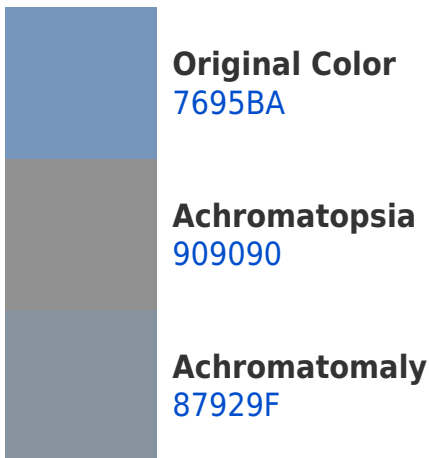


**Tritanopia**  
7199A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7695BA 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 #7695BA looks like.

```
.text, #text, p{  
    color:#7695BA  
}
```

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 #7695BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7695BA
}
```

## Border

The CSS property to change the border of an element to Hex 7695BA 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
#7695BA }
```

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

```
.border{ border-color:#7695BA }
```

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

Here you see how a box with a 4 pixel #7695BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7695BA; -webkit-box-shadow:4px 4px  
4px 4px #7695BA; box-shadow:4px 4px 4px  
4px #7695BA }
```

# Background

The CSS property to change the background color of an element to Hex 7695BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7695BA }
```

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

```
.background{ background-color:#7695BA }
```

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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