

# Converting Colors

Hex(759BAE)

Have a look what the booklet for  
Hex(759BAE) contains.

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# **Color**

**Hex(759BAE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	759BAE
RGB	117, 155, 174
RGB Percent	46%, 61%, 68%
CMY	0.5412, 0.3922, 0.3176
CMYK	0.33, 0.11, 0.00, 0.32
HSL	200°, 26%, 57%
HSV	200°, 33%, 68%
XYZ	26.6974, 30.2806, 44.4820
YIQ	145.8040, -28.7470, -2.1470

# Conversions

## Conversions Part 2

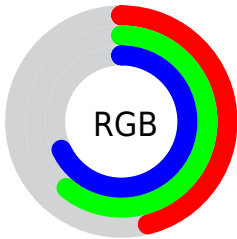
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	117, 140, 174
Decimal	7707566
CIE Lab	61.90, -8.31, -14.10
CIE LCh	62, 16.363, 239.499
Yxy	30.2806, 0.2631, 0.2984
Android (android.graphics.Color)	4285897646 (0xFF759BAE)
YUV	145.8040, 13.9006, -25.2611
Hunter-Lab	55.0278, -9.6971, -9.4079

# Details

The Hex color **759BAE** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AE8875**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **ABD1E5**, and **42687A** is the 20% darker color. If you saturate the color by 10%, you get **6495AE**, and if you desaturate by 10%, it is **86A1AE**.

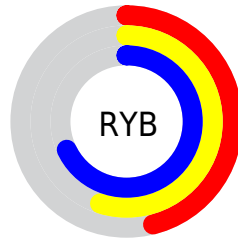
# Distribution



Red (46%)

Green (61%)

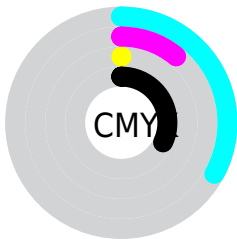
Blue (68%)



Red (46%)

Yellow (55%)

Blue (68%)

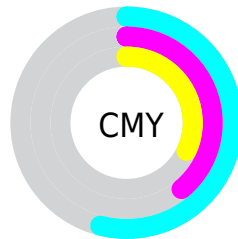


Cyan (33%)

Magenta (11%)

Yellow (0%)

Black (32%)



Cyan (54%)

Magenta (39%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 759BAE 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 759BAE by changing the saturation by 10% instead.



■ 759BAE

■ 759BAE

FFFFFF

■ 5B8193

■ ABD1E5

■ 42687A

■ C6EEFF

■ 295061

■ E3FFFF

■ 0E3949

■ 002332

■ 000E1E

■ 000000

■ 759BAE

■ 759BAE

■ 6495AE

■ 86A1AE

■ 528FAE

■ 98A7AE

■ 418AAE

■ A9ACAE

■ 2F84AE

■ BBB2AE

■ 1E7EAE

■ CCB8AE

■ 0D78AE

■ DDBEAE

■ 0074AE

■ EFC4AE

■ FFC9AE

■ FFCFAE

# Harmonies

## Analogous

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



6F9DA3



759BAE



8597B2

# Triad

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



759BAE



B28B96



91997C

# Complementary

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



759BAE



AE8875

# 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.



A19479



759BAE



B48C88

# Square

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



759BAE



A88EA4



AD907D



819C86

# Rectangle

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



759BAE



9294B1



AD907D



97987A



# Sweetspot

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



759BAE



CCDBE3



75AE88



656E73



F2F2F2



737373



# Same Dimension

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



759BAE



8AC5E3



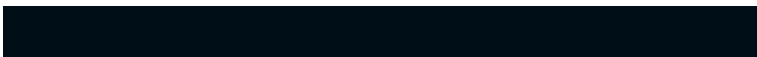
757FAE



4E5457



006496



000F17



# Inverse Universe

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



AE759B



E38AC5



AEA575



574E54



960064



17000F



# Previews

## White Background



This preview shows how the Hex color 759BAE looks on a white background.

## Color Contrast Check

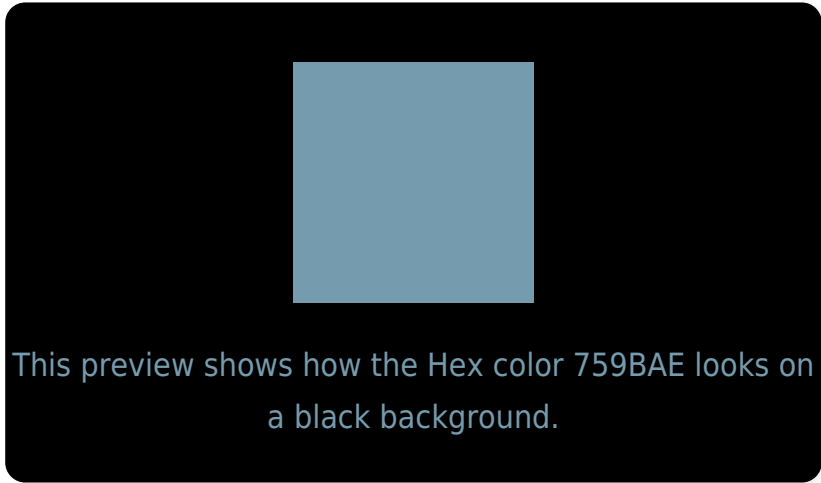
Large Text (above 18pt) WCAG AA × Fail

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

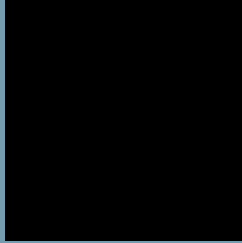
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

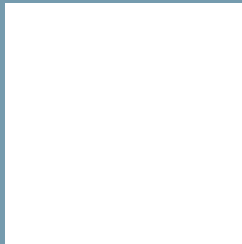
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 759BAE Background



This preview shows how black text looks on a background with the Hex color 759BAE.

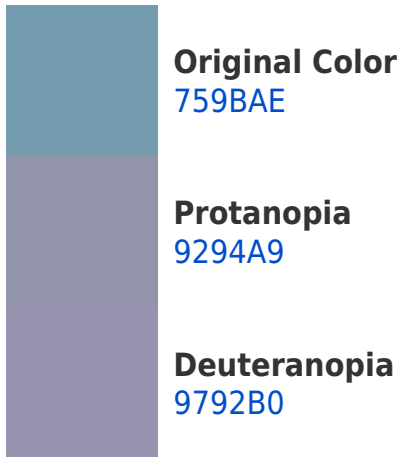


This preview shows how white text looks on a background with the Hex color 759BAE.

# 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](#).

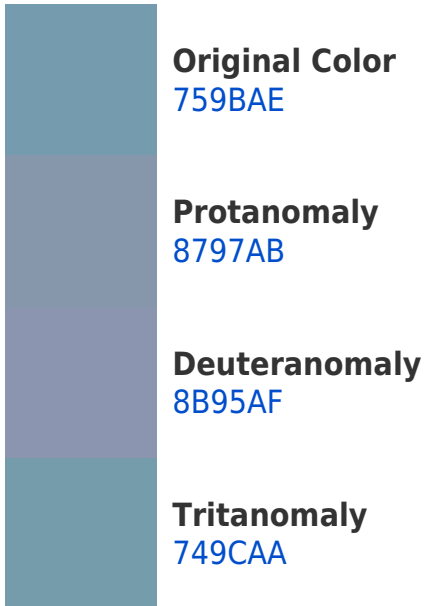
## Dichromacy



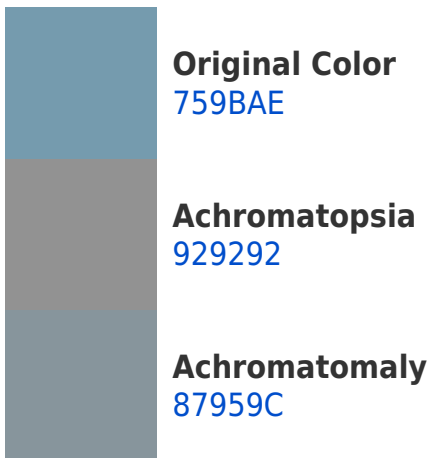


**Tritanopia**  
749CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 759BAE 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 #759BAE looks like.

```
.text, #text, p{  
    color:#759BAE  
}
```

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 #759BAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #759BAE
}
```

## Border

The CSS property to change the border of an element to Hex 759BAE is called "border". The border property can be set on classes, ids or directly on the HTML element.

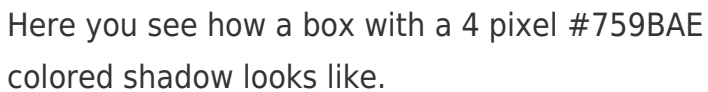
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#759BAE }
```

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

```
.border{ border-color:#759BAE }
```

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



Here you see how a box with a 4 pixel #759BAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #759BAE; -webkit-box-shadow:4px 4px  
4px 4px #759BAE; box-shadow:4px 4px 4px  
4px #759BAE }
```

# Background

The CSS property to change the background color of an element to Hex 759BAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#759BAE }
```

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

```
.background{ background-color:#759BAE }
```

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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