

# Converting Colors

Hex(7589C3)

Have a look what the booklet for  
Hex(7589C3) contains.

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# **Color**

**Hex(7589C3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7589C3
RGB	117, 137, 195
RGB Percent	46%, 54%, 76%
CMY	0.5412, 0.4627, 0.2353
CMYK	0.40, 0.30, 0.00, 0.24
HSL	225°, 39%, 61%
HSV	225°, 40%, 76%
XYZ	26.1321, 25.6134, 55.1963
YIQ	137.6320, -30.5380, 13.7980

# Conversions

## Conversions Part 2

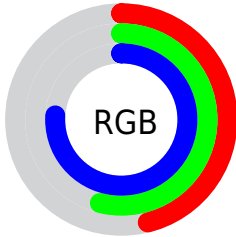
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 133, 195
Decimal	7702979
CIE Lab	57.67, 7.59, -32.46
CIE LCh	58, 33.331, 283.159
Yxy	25.6134, 0.2444, 0.2395
Android (android.graphics.Color)	4285893059 (0xFF7589C3)
YUV	137.6320, 28.2824, -18.0943
Hunter-Lab	50.6096, 3.6010, -29.2366

# Details

The Hex color **7589C3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C3AF75**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **ACBEFC**, and **40578D** is the 20% darker color. If you saturate the color by 10%, you get **627AC3**, and if you desaturate by 10%, it is **8898C3**.

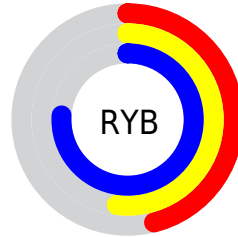
# Distribution



Red (46%)

Green (54%)

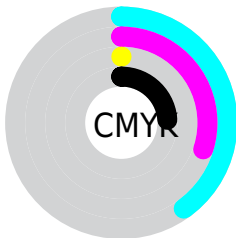
Blue (76%)



Red (46%)

Yellow (52%)

Blue (76%)

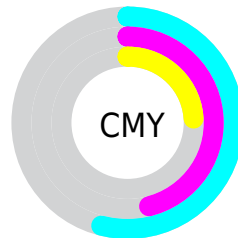


Cyan (40%)

Magenta (30%)

Yellow (0%)

Black (24%)



Cyan (54%)

Magenta (46%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7589C3 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 7589C3 by changing the saturation by 10% instead.



■ 7589C3

■ 7589C3

FFFFFF

■ 5A70A8

■ ACBEFC

■ 40578D

■ C8DAFF

■ 254073

■ E4F6FF

■ 002B5A

■ 001743

■ 00032C

■ 000116

■ 000000

■ 7589C3

■ 7589C3

■ 627AC3

■ 8898C3

■ 4E6CC3

■ 9CA6C3

■ 3B5DC3

■ B0B5C3

■ 274FC3

■ C3C3C3

■ 1340C3

■ D7D1C3

■ 0032C3

■ EAE0C3

■ FEEFC3

■ FFFDC3

■ FFFFC3

# Harmonies

## Analogous

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



4192C2



7589C3



9E7EB5

# Triad

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



7589C3



BE7964



4B9979

# Complementary

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



7589C3



C3AF75

# 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.



71945F



7589C3



AC8353

# Square

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



7589C3



C3747F



918D51



1C9A97

# Rectangle

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



7589C3



B278A5



918D51



58986F



# Sweetspot

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



7589C3



DEE6FC



75C3AE



6E7280



000000



808080



# Same Dimension

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



7589C3



83A2FC



8775C3



575A61



0029A1



000921



# Inverse Universe

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



C37589



FC83A2



B1C375



61575A



A10029

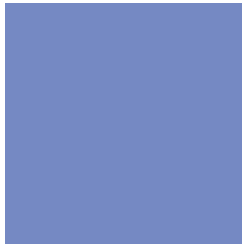


210009



# Previews

## White Background



This preview shows how the Hex color 7589C3 looks on a white background.

## Color Contrast Check

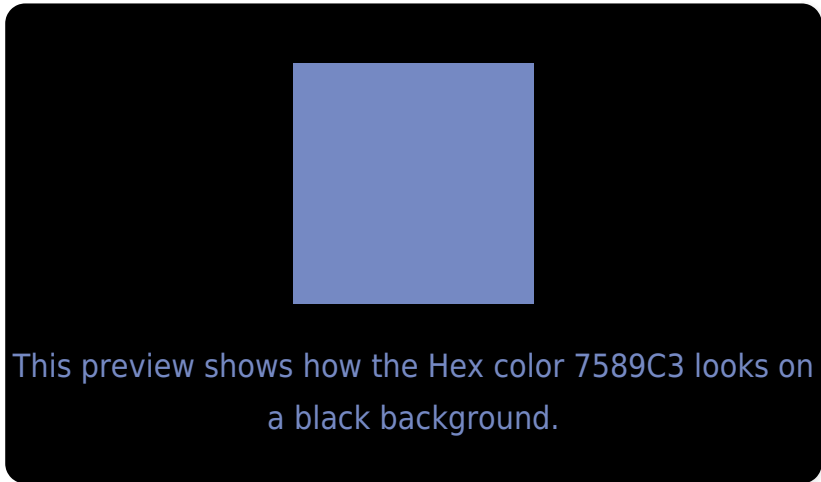
Large Text (above 18pt) WCAG AA ✓ Pass

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

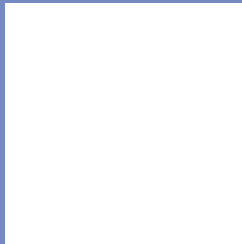
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7589C3 Background



This preview shows how black text looks on a background with the Hex color 7589C3.



This preview shows how white text looks on a background with the Hex color 7589C3.

# 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**  
7589C3

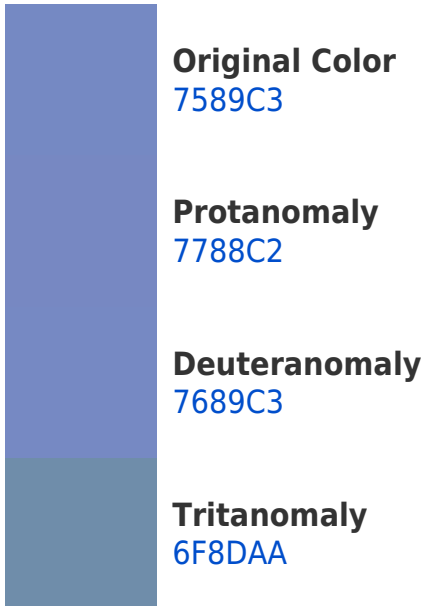
**Protanopia**  
7888C2

**Deuteranopia**  
7689C3



**Tritanopia**  
6B909C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7589C3 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 #7589C3 looks like.

```
.text, #text, p{  
    color:#7589C3  
}
```

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 #7589C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7589C3
}
```

## Border

The CSS property to change the border of an element to Hex 7589C3 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
#7589C3 }
```

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

```
.border{ border-color:#7589C3 }
```

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

Here you see how a box with a 4 pixel #7589C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7589C3; -webkit-box-shadow:4px 4px  
4px 4px #7589C3; box-shadow:4px 4px 4px  
4px #7589C3 }
```

# Background

The CSS property to change the background color of an element to Hex 7589C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7589C3 }
```

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

```
.background{ background-color:#7589C3 }
```

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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