

Converting Colors

Hex(7A89BF)

Have a look what the booklet for
Hex(7A89BF) contains.

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Color

Hex(7A89BF)

Conversions

Conversions Part 1

Format	Color
Hex	7A89BF
RGB	122, 137, 191
RGB Percent	48%, 54%, 75%
CMY	0.5216, 0.4627, 0.2510
CMYK	0.36, 0.28, 0.00, 0.25
HSL	227°, 35%, 61%
HSV	227°, 36%, 75%
XYZ	26.3757, 25.7905, 52.8781
YIQ	138.6710, -26.2740, 13.6140

Conversions

Conversions Part 2

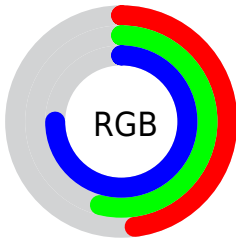
Format	Color
R_{YB}	122, 134, 191
Decimal	8030655
CIE _{Lab}	57.84, 7.87, -29.90
CIE _{LCh}	58, 30.917, 284.738
Yxy	25.7905, 0.2511, 0.2455
Android (android.graphics.Color)	4286220735 (0xFF7A89BF)
YUV	138.6710, 25.7982, -14.6205
Hunter-Lab	50.7843, 3.8343, -26.1854

Details

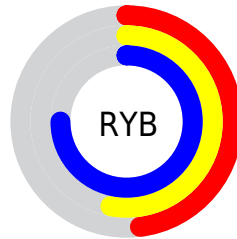
The Hex color **7A89BF** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **BFB07A**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **B0BEF8**, and **465789** is the 20% darker color. If you saturate the color by 10%, you get **677ABF**, and if you desaturate by 10%, it is **8D98BF**.

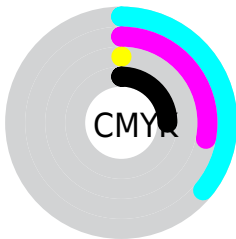
Distribution



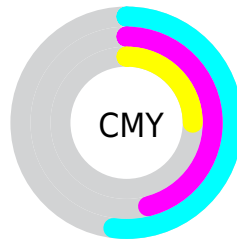
- Red (48%)
- Green (54%)
- Blue (75%)



- Red (48%)
- Yellow (53%)
- Blue (75%)



- Cyan (36%)
- Magenta (28%)
- Yellow (0%)
- Black (25%)



- Cyan (52%)
- Magenta (46%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A89BF 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 7A89BF by changing the saturation by 10% instead.

■ 7A89BF

■ 7A89BF

FFFFFF

■ 6070A4

■ B0BEF8

■ 465789

■ CCDAFF

■ 2C4070

■ E9F6FF

■ 0F2B57

■ 00173F

■ 000329

■ 000113

■ 000000

■ 7A89BF

■ 7A89BF

677ABF

8D98BF

546BBF

A0A7BF

415CBF

B3B6BF

2E4DBF

C6C5BF

1B3EBF

DAD4BF

072FBF

EDE3BF

002ABF

FFF2BF

FFFFBF

Harmonies

Analogous

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



4E92BF



7A89BF



9F7FB2

Triad

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



7A89BF



BB7C66



50997C

Complementary

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



7A89BF



BFB07A

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.



719564



7A89BF



A98557

Square

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



7A89BF



C0767E



908E56



2E9A98

Rectangle

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



7A89BF



B17AA3



908E56



5B9873

Sweetspot

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



7A89BF



DCE2F7



7ABFAF



6D707D



FCFCFC



7D7D7D

Same Dimension

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



7A89BF



8DA4F7



8C7ABF



55575E



00229E



00071F

Inverse Universe

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



BF7A89



F78DA4



ADBF7A



5E5557



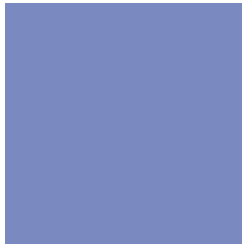
9E0022



1F0007

Previews

White Background



This preview shows how the Hex color 7A89BF looks on a white background.

Color Contrast Check

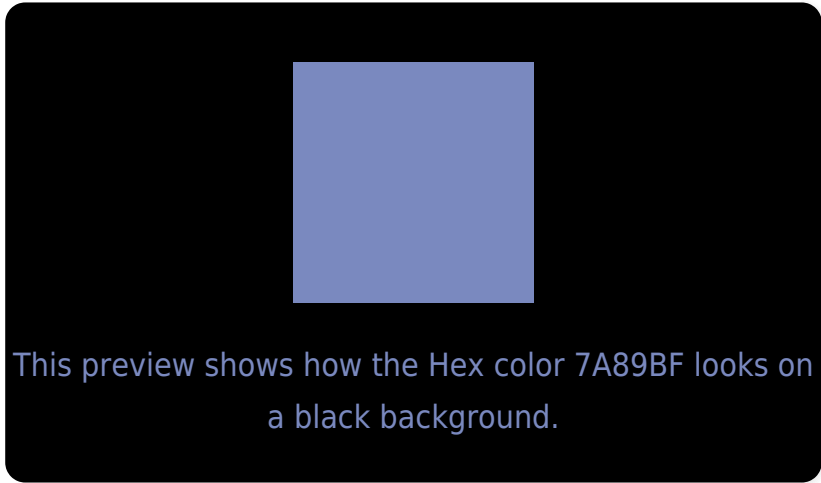
Large Text (above 18pt) WCAG AA ✓ Pass

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

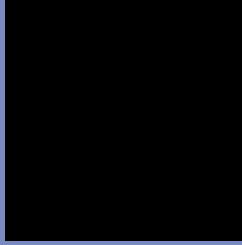
Any Text WCAG AA ✓ Pass

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 7A89BF Background



This preview shows how black text looks on a background with the Hex color 7A89BF.



This preview shows how white text looks on a background with the Hex color 7A89BF.

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
7A89BF

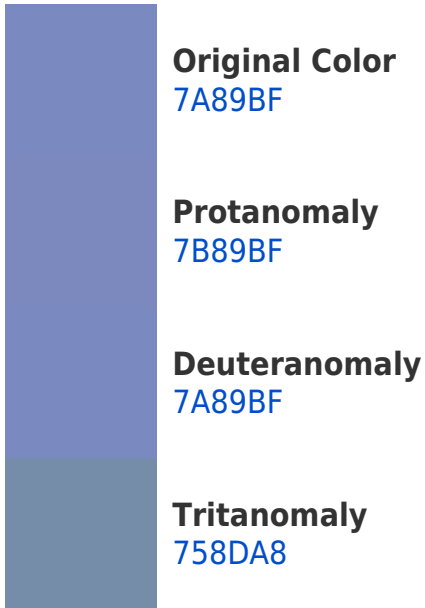
Protanopia
7B89BF

Deuteranopia
7A89BF



Tritanopia
72909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7A89BF 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 #7A89BF looks like.

```
.text, #text, p{  
    color:#7A89BF  
}
```

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 #7A89BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A89BF
}
```

Border

The CSS property to change the border of an element to Hex 7A89BF 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
#7A89BF }
```

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

```
.border{ border-color:#7A89BF }
```

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

Here you see how a box with a 4 pixel #7A89BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A89BF; -webkit-box-shadow:4px 4px  
4px 4px #7A89BF; box-shadow:4px 4px 4px  
4px #7A89BF }
```

Background

The CSS property to change the background color of an element to Hex 7A89BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A89BF }
```

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

```
.background{ background-color:#7A89BF }
```

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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