

Converting Colors

Hex(799BC3)

Have a look what the booklet for
Hex(799BC3) contains.

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Color

Hex(799BC3)

Conversions

Conversions Part 1

Format	Color
Hex	799BC3
RGB	121, 155, 195
RGB Percent	47%, 61%, 76%
CMY	0.5255, 0.3922, 0.2353
CMYK	0.38, 0.21, 0.00, 0.24
HSL	212°, 38%, 62%
HSV	212°, 38%, 76%
XYZ	29.4568, 31.4478, 56.1472
YIQ	149.3940, -33.1040, 5.2320

Conversions

Conversions Part 2

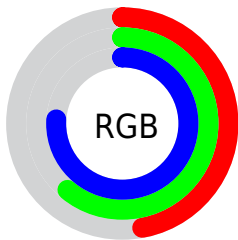
Format	Color
R_{YB}	121, 144, 195
Decimal	7969731
CIE _{Lab}	62.88, -1.65, -24.37
CIE _{LCh}	63, 24.430, 266.125
Yxy	31.4478, 0.2517, 0.2687
Android (android.graphics.Color)	4286159811 (0xFF799BC3)
YUV	149.3940, 22.4838, -24.9015
Hunter-Lab	56.0783, -4.3745, -20.1081

Details

The Hex color **799BC3** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C3A179**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **B0D1FC**, and **44688D** is the 20% darker color. If you saturate the color by 10%, you get **6590C3**, and if you desaturate by 10%, it is **8CA6C3**.

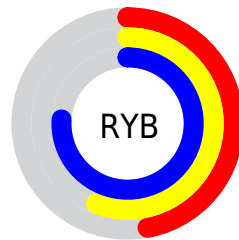
Distribution



Red (47%)

Green (61%)

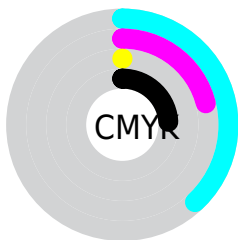
Blue (76%)



Red (47%)

Yellow (56%)

Blue (76%)

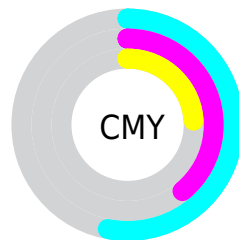


Cyan (38%)

Magenta (21%)

Yellow (0%)

Black (24%)



Cyan (53%)

Magenta (39%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 799BC3 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 799BC3 by changing the saturation by 10% instead.

■ 799BC3

■ 799BC3

FFFFFF

■ 5F81A8

■ B0D1FC

■ 44688D

■ CCEEFF

■ 2A5074

■ E8FFFF

■ 09395B

■ 002443

■ 000E2D

■ 000118

■ 000000

■ 799BC3

■ 799BC3

6590C3

8CA6C3

5286C3

A0B0C3

3E7BC3

B4BBC3

2B71C3

C7C5C3

1766C3

DBD0C3

045CC3

EEDAC3

005AC3

FFE5C3

FFEFC3

FFFAC3

Harmonies

Analogous

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



5FA1BB



799BC3



9894BF

Triad

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



799BC3



C48986



7BA27F

Complementary

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



799BC3



C3A179

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.



949D71



799BC3



BC8F75

Square

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



799BC3



C1889C



AB966D



64A494

Rectangle

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



799BC3



AA8FB6



AB966D



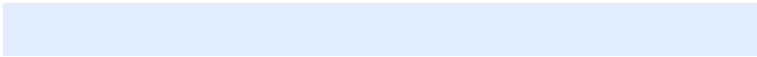
83A07A

Sweetspot

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



799BC3



E1EDFC



79C3A0



6F7780



000000



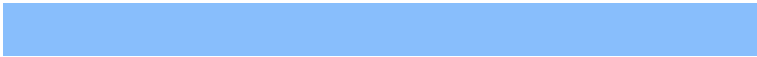
808080

Same Dimension

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



799BC3



88BEFC



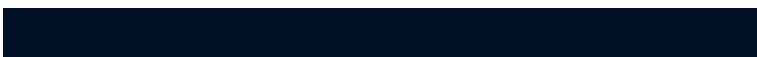
7B79C3



575C61



004AA1



000F21

Inverse Universe

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



C3799B



FC88BE



C1C379



61575C



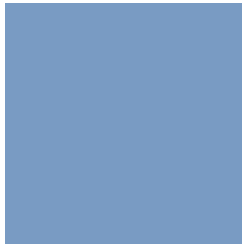
A1004A



21000F

Previews

White Background



This preview shows how the Hex color 799BC3 looks on a white background.

Color Contrast Check

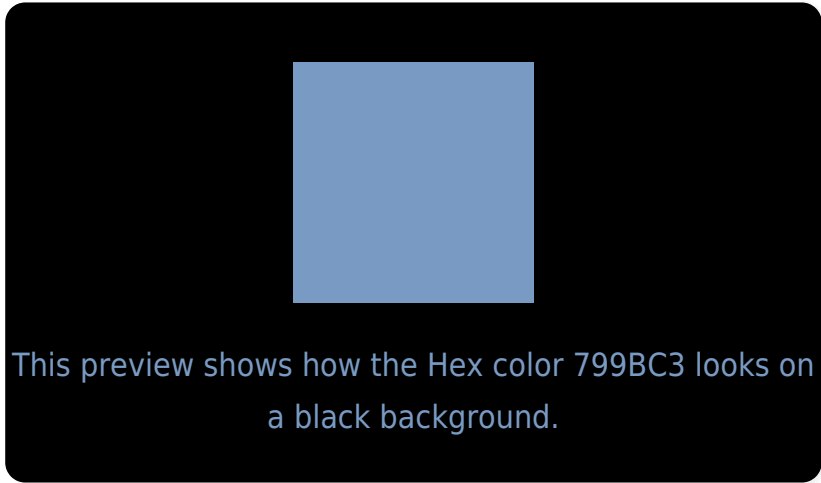
Large Text (above 18pt) WCAG AA × Fail

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

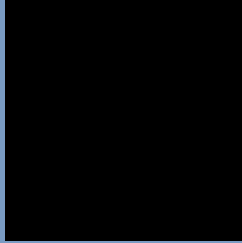
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

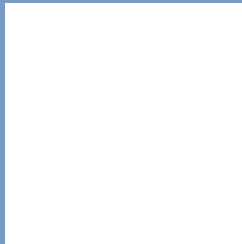
Any Text WCAG AAA ✓ Pass

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

Hex 799BC3 Background



This preview shows how black text looks on a background with the Hex color 799BC3.



This preview shows how white text looks on a background with the Hex color 799BC3.

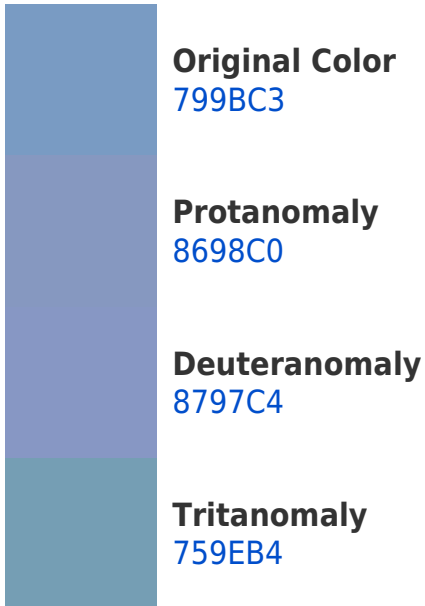
Color Blindness Simulation

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](#).

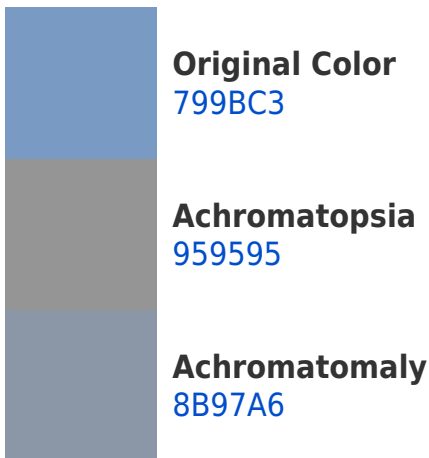
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 799BC3 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 #799BC3 looks like.

```
.text, #text, p{  
    color:#799BC3  
}
```

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 #799BC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #799BC3  
}
```

Border

The CSS property to change the border of an element to Hex 799BC3 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  
#799BC3 }
```

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

```
.border{ border-color:#799BC3 }
```

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

Here you see how a box with a 4 pixel #799BC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #799BC3; -webkit-box-shadow:4px 4px  
4px 4px #799BC3; box-shadow:4px 4px 4px  
4px #799BC3 }
```

Background

The CSS property to change the background color of an element to Hex 799BC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#799BC3 }
```

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

```
.background{ background-color:#799BC3 }
```

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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