

Converting Colors

Hex(799199)

Have a look what the booklet for
Hex(799199) contains.

Hex(799199)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(799199)

Conversions

Conversions Part 1

Format	Color
Hex	799199
RGB	121, 145, 153
RGB Percent	47%, 57%, 60%
CMY	0.5255, 0.4314, 0.4000
CMYK	0.21, 0.05, 0.00, 0.40
HSL	195°, 14%, 54%
HSV	195°, 21%, 60%
XYZ	23.7603, 26.6157, 34.0220
YIQ	138.7360, -16.8720, -2.6000

Conversions

Conversions Part 2

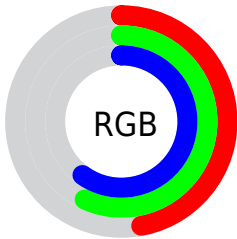
Format	Color
R_{YB}	121, 135, 153
Decimal	7967129
CIE _{Lab}	58.62, -6.65, -7.07
CIE _{LCh}	59, 9.703, 226.735
Yxy	26.6157, 0.2815, 0.3154
Android (android.graphics.Color)	4286157209 (0xFF799199)
YUV	138.7360, 7.0322, -15.5545
Hunter-Lab	51.5904, -8.0736, -2.9864

Details

The Hex color **799199** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **998179**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **AEC7CF**, and **485F66** is the 20% darker color. If you saturate the color by 10%, you get **6A8D99**, and if you desaturate by 10%, it is **889599**.

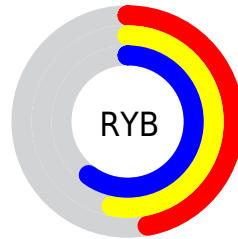
Distribution



Red (47%)

Green (57%)

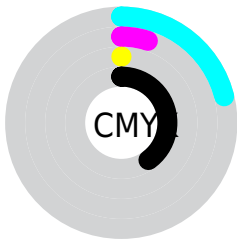
Blue (60%)



Red (47%)

Yellow (53%)

Blue (60%)

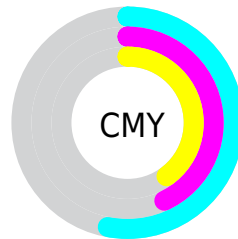


Cyan (21%)

Magenta (5%)

Yellow (0%)

Black (40%)



Cyan (53%)

Magenta (43%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 799199 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 799199 by changing the saturation by 10% instead.

■ 799199

■ 799199

FFFFFF

■ 60777F

■ AEC7CF

■ 485F66

■ C9E3EC

■ 30474E

■ E6FFFF

■ 1A3137

■ 041C22

■ 00000B

■ 000000

■ 799199

■ 799199

■ 6A8D99

■ 889599

■ 5A8999

■ 989999

■ 4B8699

■ A79C99

■ 3C8299

■ B6A099

■ 2D7E99

■ C6A499

■ 1D7A99

■ D5A899

■ 0E7699

■ E4AC99

■ 007399

■ F3B099

■ FFB399

Harmonies

Analogous

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



789292



799199



808F9D

Triad

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



799199



9C8891



8F8E7D

Complementary

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



799199



998179

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.



988B7D



799199



9F8788

Square

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



799199



948999



9E8981



859081

Rectangle

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



799199



868D9E



9E8981



928D7C

Sweetspot

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



799199



BBC4C7



799981



5C6263



E3E3E3



636363

Same Dimension

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



799199



95BAC7



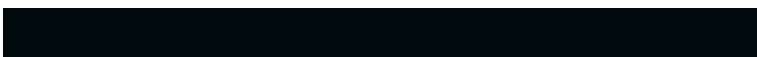
798199



454B4D



00698C



000A0D

Inverse Universe

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



997991



C795BA



999179



4D454B



8C0069



0D000A

Previews

White Background



This preview shows how the Hex color 799199 looks on a white background.

Color Contrast Check

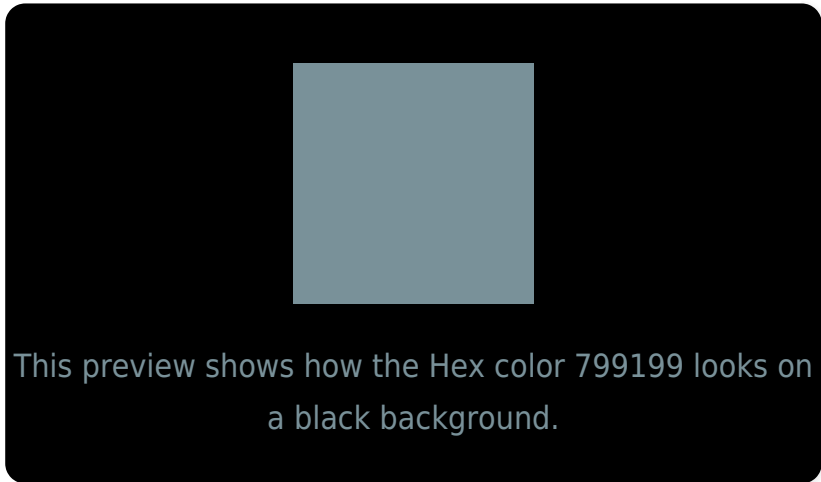
Large Text (above 18pt) WCAG AA ✓ Pass

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

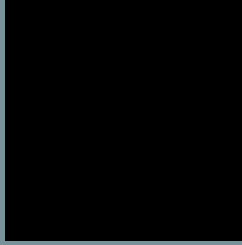
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

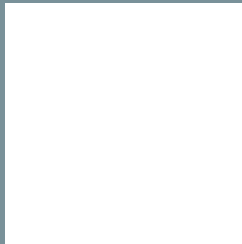
Any Text WCAG AAA × Fail

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

Hex 799199 Background



This preview shows how black text looks on a background with the Hex color 799199.

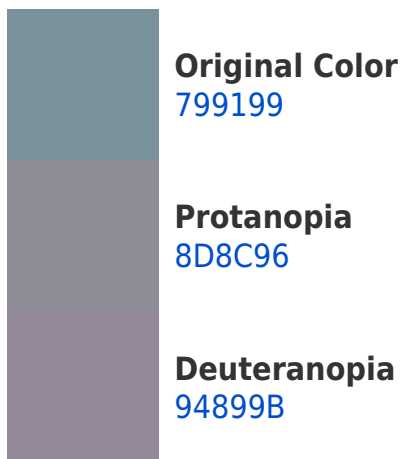



This preview shows how white text looks on a background with the Hex color 799199.

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
7A919C

Trichromacy



Original Color
799199

Protanomaly
868E97

Deuteranomaly
8A8C9A

Tritanomaly
7A919B

Monochromacy



Original Color
799199

Achromatopsia
8B8B8B

Achromatomaly
848D90

CSS Examples

Text

The CSS property to change the color of the text to Hex 799199 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 #799199 looks like.

```
.text, #text, p{  
    color:#799199  
}
```

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 #799199 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #799199
}
```

Border

The CSS property to change the border of an element to Hex 799199 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
#799199 }
```

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

```
.border{ border-color:#799199 }
```

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

Here you see how a box with a 4 pixel #799199 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #799199; -webkit-box-shadow:4px 4px  
4px 4px #799199; box-shadow:4px 4px 4px  
4px #799199 }
```

Background

The CSS property to change the background color of an element to Hex 799199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#799199 }
```

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

```
.background{ background-color:#799199 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor