

Converting Colors

Hex(70799B)

Have a look what the booklet for
Hex(70799B) contains.

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Color

Hex(70799B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 70799B |
| RGB | 112, 121, 155 |
| RGB Percent | 44%, 47%, 61% |
| CMY | 0.5608, 0.5255, 0.3922 |
| CMYK | 0.28, 0.22, 0.00, 0.39 |
| HSL | 227°, 18%, 52% |
| HSV | 227°, 28%, 61% |
| XYZ | 19.4359, 19.4860, 33.7471 |
| YIQ | 122.1850, -16.2780, 8.6660 |

Conversions

Conversions Part 2

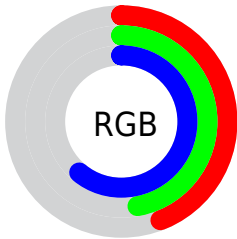
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 112, 119, 155 |
| Decimal | 7371163 |
| CIE _{Lab} | 51.25, 4.70, -19.40 |
| CIE _{LCh} | 51, 19.960, 283.610 |
| Yxy | 19.4860, 0.2675, 0.2681 |
| Android (android.graphics.Color) | 4285561243 (0xFF70799B) |
| YUV | 122.1850, 16.1778, -8.9322 |
| Hunter-Lab | 44.1430, 1.3421, -14.4269 |

Details

The Hex color **70799B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9B9270**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **A5ADD2**, and **3F4968** is the 20% darker color. If you saturate the color by 10%, you get **616D9B**, and if you desaturate by 10%, it is **80859B**.

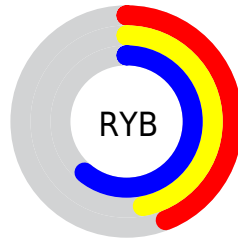
Distribution



Red (44%)

Green (47%)

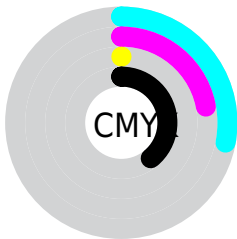
Blue (61%)



Red (44%)

Yellow (47%)

Blue (61%)

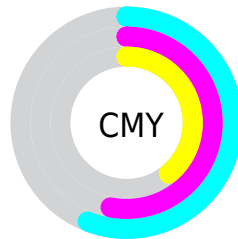


Cyan (28%)

Magenta (22%)

Yellow (0%)

Black (39%)



Cyan (56%)

Magenta (53%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70799B 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 70799B by changing the saturation by 10% instead.

■ 70799B

■ 70799B

FFFFFF

■ 576081

■ A5ADD2

■ 3F4968

■ C0C9EE

■ 273250

■ DCE5FF

■ 101D38

■ F9FFFF

■ 000323

■ 00000B

■ 000000

■ 70799B

■ 70799B

■ 616D9B

■ 80859B

■ 51609B

■ 8F929B

■ 42549B

■ 9F9E9B

■ 32489B

■ AEAA9B

■ 233C9B

■ BEB69B

■ 132F9B

■ CDC39B

■ 04239B

■ DCCF9B

■ 00209B

■ ECDB9B

■ FBE79B

Harmonies

Analogous

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



597E9A



70799B



867393

Triad

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



70799B



9A7163



588370

Complementary

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



70799B



9B9270

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.



6B8061



70799B



8F765A

Square

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



70799B



9D6E73



7F7B59



4A8481

Rectangle

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



70799B



92708A



7F7B59



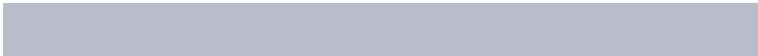
5E826A

Sweetspot

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



70799B



B9BDC9



709B92



5C5E66



E6E6E6



666666

Same Dimension

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



70799B



8795C9



7C709B



45464D



001D8C



00030D

Inverse Universe

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



9B7079



C98795



8F9B70



4D4546



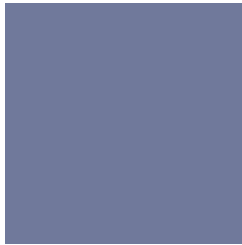
8C001D



0D0003

Previews

White Background



This preview shows how the Hex color 70799B looks on a white background.

Color Contrast Check

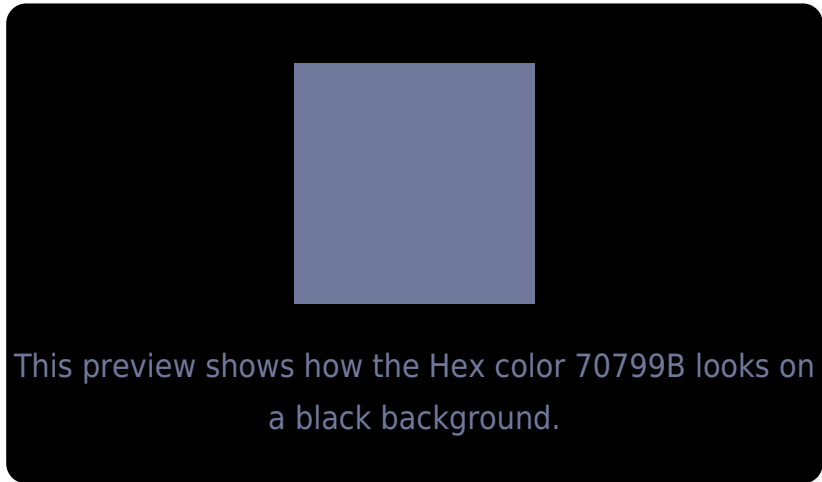
Large Text (above 18pt) WCAG AA ✓ Pass

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

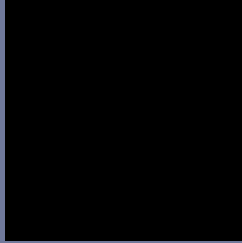
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

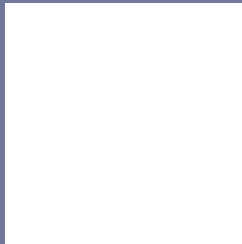
Any Text WCAG AAA × Fail

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

Hex 70799B Background



This preview shows how black text looks on a background with the Hex color 70799B.



This preview shows how white text looks on a background with the Hex color 70799B.

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

70799B

Protanopia

71799B

Deuteranopia

74789B



Tritanopia
6C7D87

Trichromacy



Original Color
70799B

Protanomaly
71799B

Deuteranomaly
73789B

Tritanomaly
6D7C8E

Monochromacy



Original Color
70799B

Achromatopsia
7A7A7A

Achromatomaly
767A86

CSS Examples

Text

The CSS property to change the color of the text to Hex 70799B 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 #70799B looks like.

```
.text, #text, p{  
    color:#70799B  
}
```

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 #70799B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70799B
}
```

Border

The CSS property to change the border of an element to Hex 70799B 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
#70799B }
```

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

```
.border{ border-color:#70799B }
```

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

Here you see how a box with a 4 pixel #70799B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70799B; -webkit-box-shadow:4px 4px  
4px 4px #70799B; box-shadow:4px 4px 4px  
4px #70799B }
```

Background

The CSS property to change the background color of an element to Hex 70799B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70799B }
```

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

```
.background{ background-color:#70799B }
```

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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