

Converting Colors

Hex(7D709B)

Have a look what the booklet for
Hex(7D709B) contains.

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Color

Hex(7D709B)

Conversions

Conversions Part 1

Format	Color
Hex	7D709B
RGB	125, 112, 155
RGB Percent	49%, 44%, 61%
CMY	0.5098, 0.5608, 0.3922
CMYK	0.19, 0.28, 0.00, 0.39
HSL	258°, 18%, 52%
HSV	258°, 28%, 61%
XYZ	20.1680, 18.3149, 33.4825
YIQ	120.7890, -6.0550, 16.1290

Conversions

Conversions Part 2

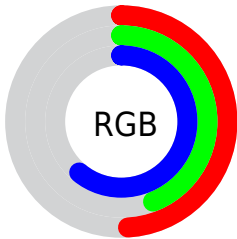
Format	Color
R_{YB}	125, 112, 155
Decimal	8220827
CIE _{Lab}	49.88, 14.28, -21.42
CIE _{LCh}	50, 25.739, 303.692
Yxy	18.3149, 0.2802, 0.2545
Android (android.graphics.Color)	4286410907 (0xFF7D709B)
YUV	120.7890, 16.8660, 3.6930
Hunter-Lab	42.7959, 9.2272, -16.4300

Details

The Hex color **7D709B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8E9B70**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **B2A4D2**, and **4B4068** is the 20% darker color. If you saturate the color by 10%, you get **72619B**, and if you desaturate by 10%, it is **88809B**.

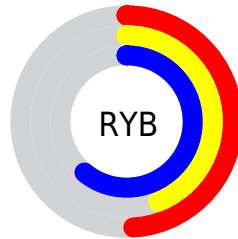
Distribution



Red (49%)

Green (44%)

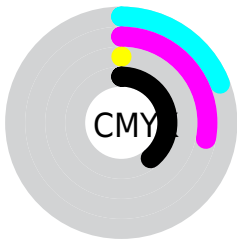
Blue (61%)



Red (49%)

Yellow (44%)

Blue (61%)

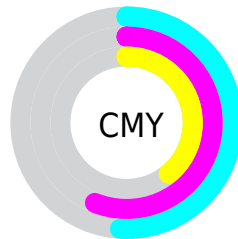


Cyan (19%)

Magenta (28%)

Yellow (0%)

Black (39%)



Cyan (51%)

Magenta (56%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D709B 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 7D709B by changing the saturation by 10% instead.

■ 7D709B

■ 7D709B

FFFFFF

■ 645881

■ B2A4D2

■ 4B4068

■ CEBFEE

■ 342A4F

■ EADBFF

■ 1D1638

■ FFF7FF

■ 0A0023

■ 00000A

■ 000000

■ 7D709B

■ 7D709B

■ 72619B

■ 88809B

67519B

938F9B

5D429B

9D9F9B

52329B

A8AE9B

47239B

B3BE9B

3C139B

BECD9B

31049B

C9DC9B

2F009B

D4EC9B

DEFB9B

Harmonies

Analogous

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



5D78A2



7D709B



95698A

Triad

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



7D709B



966F50



388379

Complementary

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



7D709B



8E9B70

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.



528163



7D709B



83764B

Square

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



7D709B



A0685F



6C7D52



29828E

Rectangle

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



7D709B



9E667C



6C7D52



408271

Sweetspot

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



7D709B



BEB9C9



708E9B



5F5C66



E6E6E6



666666

Same Dimension

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



7D709B



9B87C9



92709B



47454D



2A008C



04000D

Inverse Universe

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



9B708E



C987B5



799B70



4D454A



8C0062



0D0009

Previews

White Background



This preview shows how the Hex color 7D709B looks on a white background.

Color Contrast Check

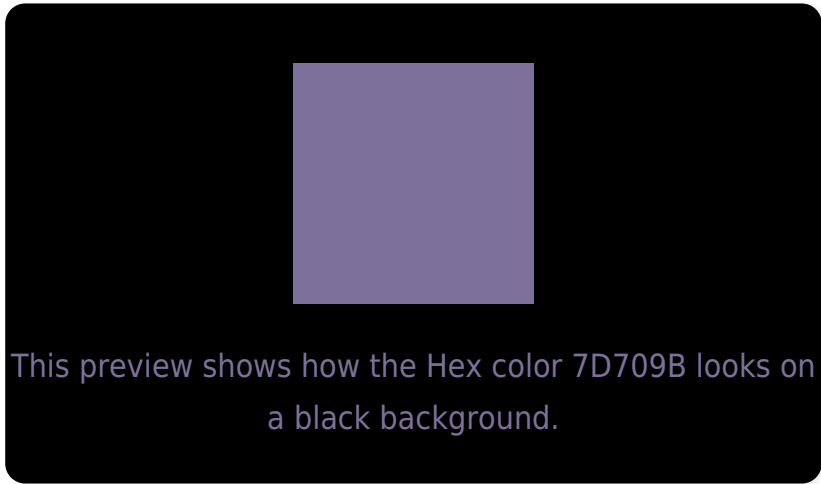
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

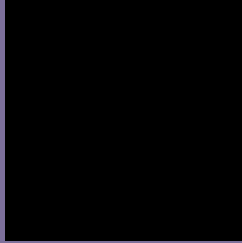
Any Text WCAG AA ✓ Pass

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 7D709B Background



This preview shows how black text looks on a background with the Hex color 7D709B.



This preview shows how white text looks on a background with the Hex color 7D709B.

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
7D709B

Protanopia
6B759F

Deuteranopia
6F759A



Tritanopia
78757F

Trichromacy



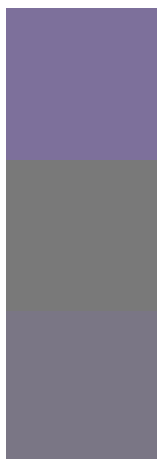
Original Color
7D709B

Protanomaly
72739E

Deuteranomaly
74739A

Tritanomaly
7A7389

Monochromacy



Original Color
7D709B

Achromatopsia
797979

Achromatomaly
7A7685

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D709B 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 #7D709B looks like.

```
.text, #text, p{  
    color:#7D709B  
}
```

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 #7D709B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D709B
}
```

Border

The CSS property to change the border of an element to Hex 7D709B is called "border". The border property can be set on classes, ids or directly on the HTML element.

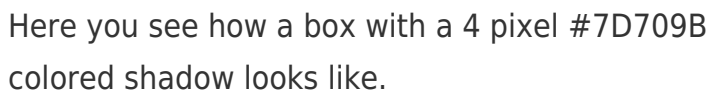
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D709B }
```

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

```
.border{ border-color:#7D709B }
```

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



Here you see how a box with a 4 pixel #7D709B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D709B; -webkit-box-shadow:4px 4px  
4px 4px #7D709B; box-shadow:4px 4px 4px  
4px #7D709B }
```

Background

The CSS property to change the background color of an element to Hex 7D709B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D709B }
```

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

```
.background{ background-color:#7D709B }
```

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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