

Converting Colors

Hex(7D869B)

Have a look what the booklet for
Hex(7D869B) contains.

Hex(7D869B)	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(7D869B)

Conversions

Conversions Part 1

Format	Color
Hex	7D869B
RGB	125, 134, 155
RGB Percent	49%, 53%, 61%
CMY	0.5098, 0.4745, 0.3922
CMYK	0.19, 0.14, 0.00, 0.39
HSL	222°, 13%, 55%
HSV	222°, 19%, 61%
XYZ	22.8989, 23.7767, 34.3928
YIQ	133.7030, -12.1050, 4.6230

Conversions

Conversions Part 2

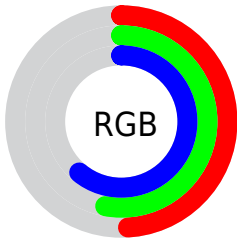
Format	Color
R_{YB}	125, 132, 155
Decimal	8226459
CIE _{Lab}	55.86, 1.36, -12.30
CIE _{LCh}	56, 12.380, 276.326
Yxy	23.7767, 0.2825, 0.2933
Android (android.graphics.Color)	4286416539 (0xFF7D869B)
YUV	133.7030, 10.4994, -7.6325
Hunter-Lab	48.7614, -1.5067, -7.6860

Details

The Hex color **7D869B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9B927D**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **B2BBD1**, and **4C5568** is the 20% darker color. If you saturate the color by 10%, you get **6E7B9B**, and if you desaturate by 10%, it is **8C919B**.

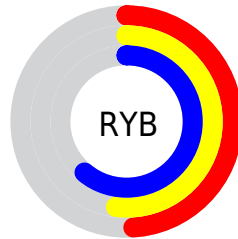
Distribution



Red (49%)

Green (53%)

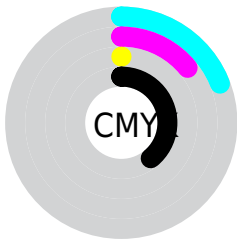
Blue (61%)



Red (49%)

Yellow (52%)

Blue (61%)

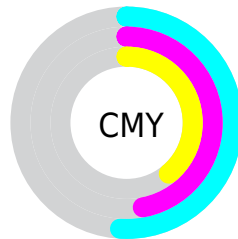


Cyan (19%)

Magenta (14%)

Yellow (0%)

Black (39%)



Cyan (51%)

Magenta (47%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D869B 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 7D869B by changing the saturation by 10% instead.

■ 7D869B

■ 7D869B

FFFFFF

■ 646D81

■ B2BBD1

■ 4C5568

■ CDD7EE

■ 343D50

■ EAF3FF

■ 1E2839

■ 091323

■ 00000C

■ 000000

■ 7D869B

■ 7D869B

■ 6E7B9B

■ 8C919B

■ 5E709B

■ 9C9C9B

■ 4E659B

■ ABA79B

■ 3F5B9B

■ BBB19B

■ 30509B

■ CBBC9B

■ 20459B

■ DAC79B

■ 113A9B

■ E9D29B

■ 012F9B

■ F9DD9B

■ 002F9B

■ FFE89B

Harmonies

Analogous

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



718999



7D869B



8B8297

Triad

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



7D869B



9C807A



748B7D

Complementary

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



7D869B



9B927D

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.



808974



7D869B



968273

Square

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



7D869B



9C7E84



8C8671



6C8C88

Rectangle

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



7D869B



938092



8C8671



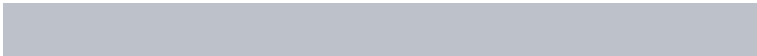
788B7A

Sweetspot

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



7D869B



BDC1C9



7D9B92



5F6166



E6E6E6



666666

Same Dimension

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



7D869B



9BA9C9



837D9B



45474D



002A8C



00040D

Inverse Universe

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



9B7D86



C99BA9



959B7D



4D4547



8C002A



0D0004

Previews

White Background



This preview shows how the Hex color 7D869B looks on a white background.

Color Contrast Check

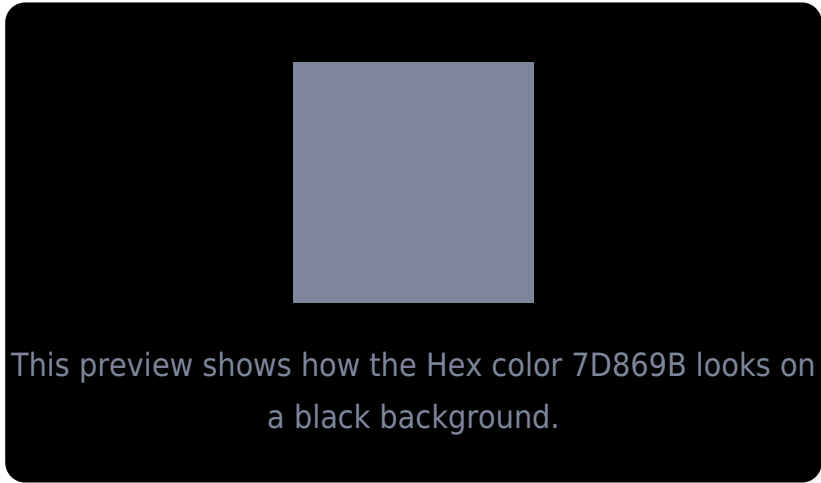
Large Text (above 18pt) WCAG AA ✓ Pass

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

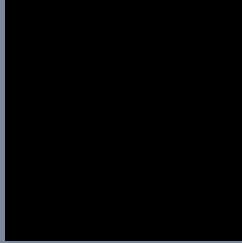
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

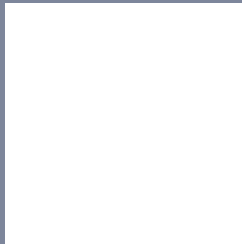
Any Text WCAG AAA × Fail

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

Hex 7D869B Background



This preview shows how black text looks on a background with the Hex color 7D869B.

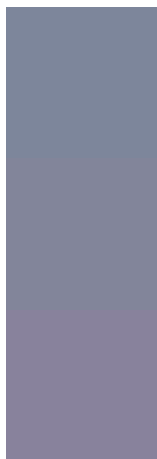


This preview shows how white text looks on a background with the Hex color 7D869B.

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

7D869B

Protanopia

82859A

Deuteranopia

88829C



Tritanopia
7B8792

Trichromacy



Original Color
7D869B

Protanomaly
80859A

Deuteranomaly
84839C

Tritanomaly
7C8795

Monochromacy



Original Color
7D869B

Achromatopsia
868686

Achromatomaly
83868E

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D869B 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 #7D869B looks like.

```
.text, #text, p{  
    color:#7D869B  
}
```

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 #7D869B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D869B
}
```

Border

The CSS property to change the border of an element to Hex 7D869B 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
#7D869B }
```

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

```
.border{ border-color:#7D869B }
```

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

Here you see how a box with a 4 pixel #7D869B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D869B; -webkit-box-shadow:4px 4px  
4px 4px #7D869B; box-shadow:4px 4px 4px  
4px #7D869B }
```

Background

The CSS property to change the background color of an element to Hex 7D869B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D869B }
```

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

```
.background{ background-color:#7D869B }
```

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