

Converting Colors

Hex(76849D)

Have a look what the booklet for
Hex(76849D) contains.

Hex(76849D)	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(76849D)

Conversions

Conversions Part 1

Format	Color
Hex	76849D
RGB	118, 132, 157
RGB Percent	46%, 52%, 62%
CMY	0.5373, 0.4824, 0.3843
CMYK	0.25, 0.16, 0.00, 0.38
HSL	218°, 17%, 54%
HSV	218°, 25%, 62%
XYZ	21.8083, 22.7884, 35.1475
YIQ	130.6640, -16.3690, 4.8070

Conversions

Conversions Part 2

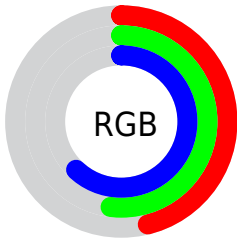
Format	Color
R_{YB}	118, 128, 157
Decimal	7767197
CIE _{Lab}	54.85, 0.70, -15.03
CIE _{LCh}	55, 15.051, 272.654
Yxy	22.7884, 0.2735, 0.2858
Android (android.graphics.Color)	4285957277 (0xFF76849D)
YUV	130.6640, 12.9836, -11.1063
Hunter-Lab	47.7372, -1.9941, -10.2374

Details

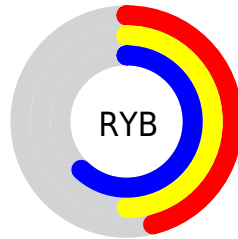
The Hex color **76849D** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9D8F76**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **ABB9D4**, and **45536A** is the 20% darker color. If you saturate the color by 10%, you get **667A9D**, and if you desaturate by 10%, it is **868E9D**.

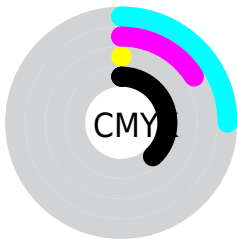
Distribution



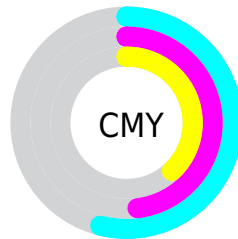
- Red (46%)
- Green (52%)
- Blue (62%)



- Red (46%)
- Yellow (50%)
- Blue (62%)



- Cyan (25%)
- Magenta (16%)
- Yellow (0%)
- Black (38%)



- Cyan (54%)
- Magenta (48%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76849D 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 76849D by changing the saturation by 10% instead.

■ 76849D

■ 76849D

FFFFFF

■ 5D6B83

■ ABB9D4

■ 45536A

■ C6D5F0

■ 2D3C51

■ E2F1FF

■ 17263A

■ 001125

■ 00010E

■ 000000

■ 76849D

■ 76849D

■ 667A9D

■ 868E9D

■ 57709D

■ 95989D

■ 47669D

■ A5A29D

■ 375C9D

■ B5AC9D

■ 27529D

■ C5B69D

■ 18489D

■ D4C09D

■ 083E9D

■ E4CA9D

■ 00389D

■ F4D59D

■ FFDF9D

Harmonies

Analogous

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



67889A



76849D



878099

Triad

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



76849D



9E7B76



6F8A77

Complementary

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



76849D



9D8F76

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.



7E876D



76849D



987E6D

Square

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



76849D



9D7A83



8C8369



648B84

Rectangle

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



76849D



917D93



8C8369



748973

Sweetspot

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



76849D



BEC3CC



769D8F



5E6166



E6E6E6



666666

Same Dimension

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



76849D



8FA5CC



7B769D



474A4F



00338F



00050F

Inverse Universe

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



9D7684



CC8FA5



989D76



4F474A



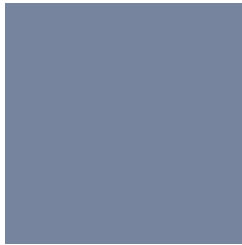
8F0033



0F0005

Previews

White Background



This preview shows how the Hex color 76849D looks on a white background.

Color Contrast Check

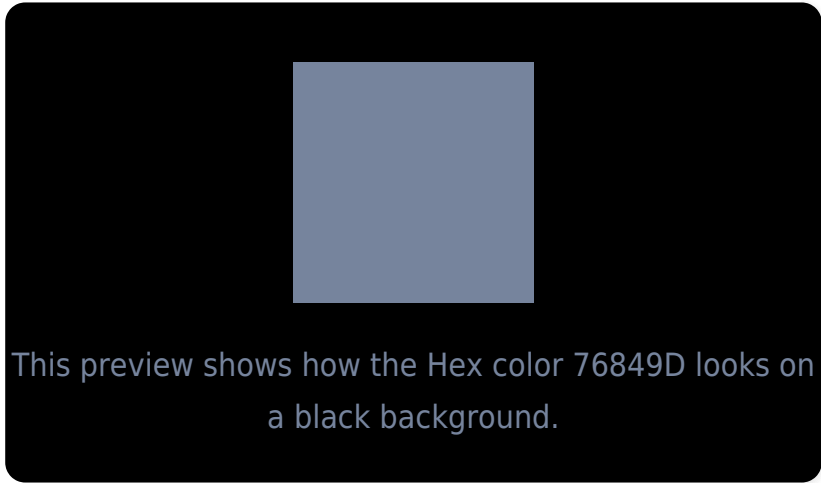
Large Text (above 18pt) WCAG AA ✓ Pass

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

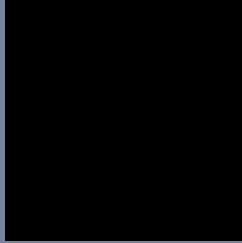
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

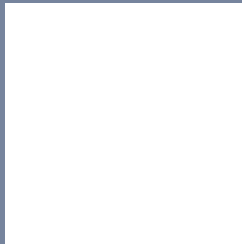
Any Text WCAG AAA × Fail

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

Hex 76849D Background



This preview shows how black text looks on a background with the Hex color 76849D.



This preview shows how white text looks on a background with the Hex color 76849D.

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

76849D

Protanopia

7E829C

Deuteranopia

83809E



Tritanopia
748691

Trichromacy



Original Color
76849D

Protanomaly
7B839C

Deuteranomaly
7E819E

Tritanomaly
758595

Monochromacy



Original Color
76849D

Achromatopsia
838383

Achromatomaly
7E838C

CSS Examples

Text

The CSS property to change the color of the text to Hex 76849D 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 #76849D looks like.

```
.text, #text, p{  
    color:#76849D  
}
```

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 #76849D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76849D
}
```

Border

The CSS property to change the border of an element to Hex 76849D 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
#76849D }
```

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

```
.border{ border-color:#76849D }
```

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

Here you see how a box with a 4 pixel #76849D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76849D; -webkit-box-shadow:4px 4px  
4px 4px #76849D; box-shadow:4px 4px 4px  
4px #76849D }
```

Background

The CSS property to change the background color of an element to Hex 76849D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76849D }
```

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

```
.background{ background-color:#76849D }
```

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