

Converting Colors

Hex(76849A)

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

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Color

Hex(76849A)

Conversions

Conversions Part 1

Format	Color
Hex	76849A
RGB	118, 132, 154
RGB Percent	46%, 52%, 60%
CMY	0.5373, 0.4824, 0.3961
CMYK	0.23, 0.14, 0.00, 0.40
HSL	217°, 15%, 53%
HSV	217°, 23%, 60%
XYZ	21.5552, 22.6872, 33.8148
YIQ	130.3220, -15.4060, 3.8740

Conversions

Conversions Part 2

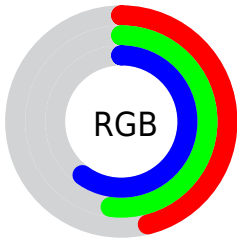
Format	Color
R_{YB}	118, 128, 154
Decimal	7767194
CIE _{Lab}	54.75, -0.04, -13.46
CIE _{LCh}	55, 13.459, 269.834
Yxy	22.6872, 0.2761, 0.2906
Android (android.graphics.Color)	4285957274 (0xFF76849A)
YUV	130.3220, 11.6733, -10.8064
Hunter-Lab	47.6311, -2.5750, -8.7502

Details

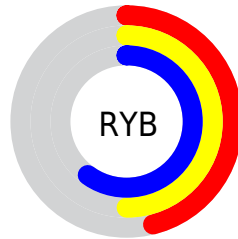
The Hex color **76849A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9A8C76**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **ABB9D0**, and **455367** is the 20% darker color. If you saturate the color by 10%, you get **677B9A**, and if you desaturate by 10%, it is **858D9A**.

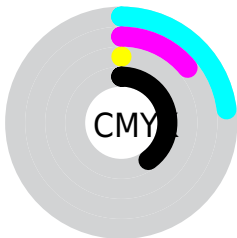
Distribution



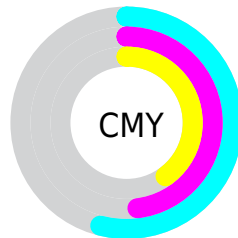
- Red (46%)
- Green (52%)
- Blue (60%)



- Red (46%)
- Yellow (50%)
- Blue (60%)



- Cyan (23%)
- Magenta (14%)
- Yellow (0%)
- Black (40%)



- Cyan (54%)
- Magenta (48%)
- Yellow (40%)

Brightness & Saturation Gradients

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

■ 76849A

■ 76849A

FFFFFF

■ 5D6B80

■ ABB9D0

■ 455367

■ C6D5ED

■ 2E3C4F

■ E2F1FF

■ 172638

■ 001122

■ 00000B

■ 000000

■ 76849A

■ 76849A

■ 677B9A

■ 858D9A

■ 57719A

■ 95979A

■ 48689A

■ A4A09A

■ 385E9A

■ B4AA9A

■ 29559A

■ C3B39A

■ 1A4C9A

■ D2BC9A

■ 0A429A

■ E2C69A

■ 003C9A

■ F1CF9A

■ FFD99A

Harmonies

Analogous

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



698797



76849A



858097

Triad

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



76849A



9B7C78



728977

Complementary

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



76849A



9A8C76

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.



7F866F



76849A



967E6F

Square

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



76849A



9A7B83



8C826C



688A82

Rectangle

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



76849A



8E7E92



8C826C



778874

Sweetspot

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



76849A



BBC1C9



769A8C



5E6166



E6E6E6



666666

Same Dimension

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



76849A



91A7C9



7A769A



45484D



00378C



00050D

Inverse Universe

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



9A7684



C991A7



969A76



4D4548



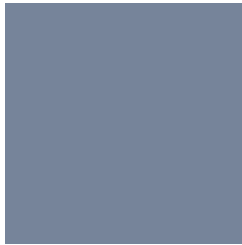
8C0037



0D0005

Previews

White Background



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

Color Contrast Check

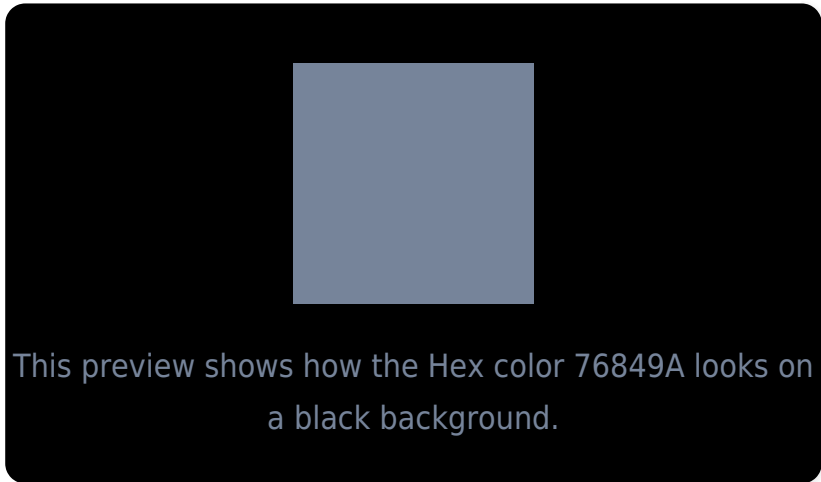
Large Text (above 18pt) WCAG AA ✓ Pass

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

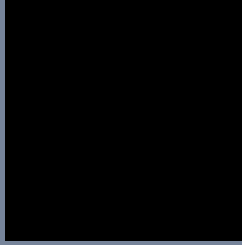
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

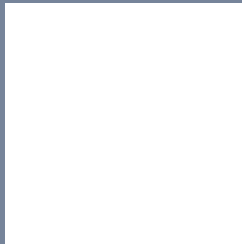
Any Text WCAG AAA × Fail

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

Hex 76849A Background



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

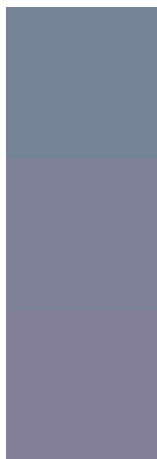


This preview shows how white text looks on a background with the Hex color 76849A.

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

76849A

Protanopia

7F8298

Deuteranopia

84809B



Tritanopia
748690

Trichromacy



Original Color
76849A

Protanomaly
7C8399

Deuteranomaly
7F819B

Tritanomaly
758594

Monochromacy



Original Color
76849A

Achromatopsia
828282

Achromatomaly
7E838B

CSS Examples

Text

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

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

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 #76849A colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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