

Converting Colors

Hex(76869C)

Have a look what the booklet for
Hex(76869C) contains.

Hex(76869C)	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(76869C)

Conversions

Conversions Part 1

Format	Color
Hex	76869C
RGB	118, 134, 156
RGB Percent	46%, 53%, 61%
CMY	0.5373, 0.4745, 0.3882
CMYK	0.24, 0.14, 0.00, 0.39
HSL	215°, 16%, 54%
HSV	215°, 24%, 61%
XYZ	21.9971, 23.3020, 34.7909
YIQ	131.7240, -16.5980, 3.4500

Conversions

Conversions Part 2

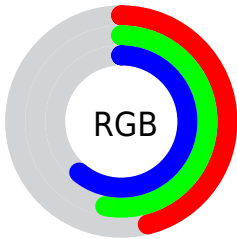
Format	Color
R_{YB}	118, 129, 156
Decimal	7767708
CIE _{Lab}	55.38, -0.70, -13.66
CIE _{LCh}	55, 13.676, 267.066
Yxy	23.3020, 0.2747, 0.2909
Android (android.graphics.Color)	4285957788 (0xFF76869C)
YUV	131.7240, 11.9681, -12.0359
Hunter-Lab	48.2722, -3.1360, -8.9411




Details

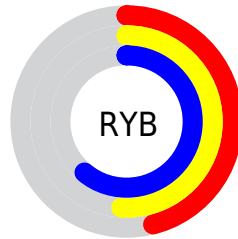
The Hex color **76869C** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9C8C76**, and the grayscale version is **848484**.




A 20% lighter version of the original color is **ABBBD3**, and **455569** is the 20% darker color. If you saturate the color by 10%, you get **667D9C**, and if you desaturate by 10%, it is **868F9C**.

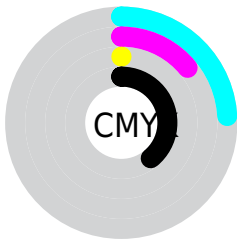
Distribution







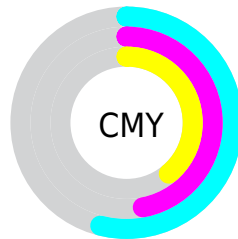
-  Red (46%)
-  Green (53%)
-  Blue (61%)






-  Red (46%)
-  Yellow (51%)
-  Blue (61%)



-  Cyan (24%)
-  Magenta (14%)
-  Yellow (0%)
-  Black (39%)



-  Cyan (54%)
-  Magenta (47%)
-  Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76869C 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 76869C by changing the saturation by 10% instead.



76869C



76869C

FFFFFF



5D6D82



ABBBD3



455569



C6D7EF



2D3D51



E2F3FF



17283A



001324



00010E



000000



76869C



76869C



667D9C



868F9C

■ 57749C

■ 95989C

■ 476B9C

■ A5A19C

■ 38629C

■ B4AA9C

■ 28599C

■ C4B39C

■ 18509C

■ D4BC9C

■ 09479C

■ E3C59C

■ 00429C

■ F3CE9C

■ FFD79C

Harmonies

Analogous

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



6A8998



76869C



85829A

Triad

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



76869C



9E7D7A



758A77

Complementary

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



76869C



9C8C76

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.



82876F



76869C



998071

Square

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



76869C



9C7D86



8F836D



6A8B83

Rectangle

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



76869C



8F7F95



8F836D



798974

Sweetspot

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



76869C



BEC4CC



769C8C



5E6166



E6E6E6



666666

Same Dimension

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



76869C



91AACC



79769C



474A4F



003C8F



00060F

Inverse Universe

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



9C7686



CC91AA



999C76



4F474A



8F003C



0F0006

Previews

White Background



This preview shows how the Hex color 76869C looks on a white background.

Color Contrast Check

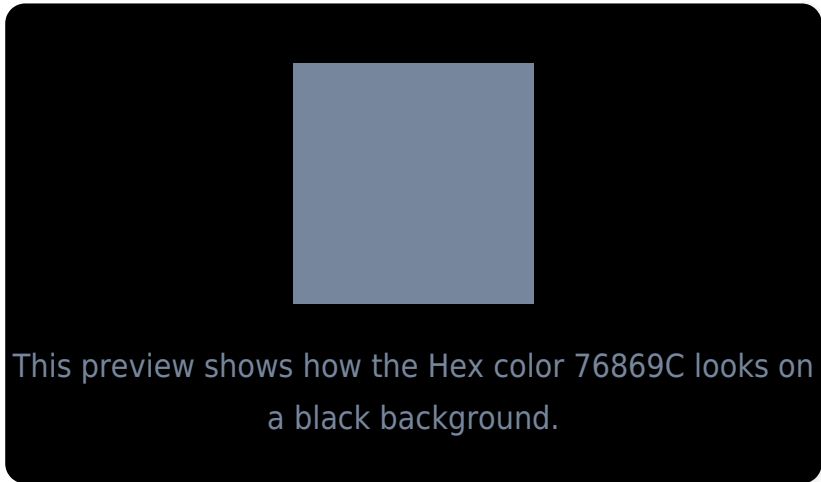
Large Text (above 18pt) WCAG AA ✓ Pass

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

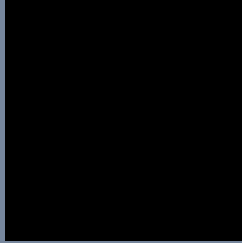
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

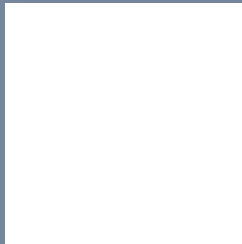
Any Text WCAG AAA × Fail

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

Hex 76869C Background



This preview shows how black text looks on a background with the Hex color 76869C.



This preview shows how white text looks on a background with the Hex color 76869C.

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
76869C

Protanopia
80839A

Deuteranopia
85819D



Tritanopia
748892

Trichromacy



Original Color
76869C

Protanomaly
7C849B

Deuteranomaly
80839D

Tritanomaly
758796

Monochromacy



Original Color
76869C

Achromatopsia
848484

Achromatomaly
7F858D

CSS Examples

Text

The CSS property to change the color of the text to Hex 76869C 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 #76869C looks like.

```
.text, #text, p{  
    color:#76869C  
}
```

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 #76869C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76869C
}
```

Border

The CSS property to change the border of an element to Hex 76869C 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
#76869C }
```

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

```
.border{ border-color:#76869C }
```

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

Here you see how a box with a 4 pixel #76869C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76869C; -webkit-box-shadow:4px 4px  
4px 4px #76869C; box-shadow:4px 4px 4px  
4px #76869C }
```

Background

The CSS property to change the background color of an element to Hex 76869C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76869C }
```

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

```
.background{ background-color:#76869C }
```

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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