

Converting Colors

Hex(76989E)

Have a look what the booklet for
Hex(76989E) contains.

Hex(76989E)	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(76989E)

Conversions

Conversions Part 1

Format	Color
Hex	76989E
RGB	118, 152, 158
RGB Percent	46%, 60%, 62%
CMY	0.5373, 0.4039, 0.3804
CMYK	0.25, 0.04, 0.00, 0.38
HSL	189°, 17%, 54%
HSV	189°, 25%, 62%
XYZ	24.8710, 28.7766, 36.5914
YIQ	142.5180, -22.1900, -5.3420

Conversions

Conversions Part 2

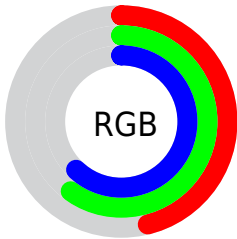
Format	Color
RYB	118, 136, 158
Decimal	7772318
CIELab	60.58, -10.30, -7.01
CIElCh	61, 12.455, 214.241
Yxy	28.7766, 0.2756, 0.3189
Android (android.graphics.Color)	4285962398 (0xFF76989E)
YUV	142.5180, 7.6326, -21.5023
Hunter-Lab	53.6439, -11.1185, -2.8920

Details

The Hex color **76989E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9E7C76**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **ABCED5**, and **44656B** is the 20% darker color. If you saturate the color by 10%, you get **66969E**, and if you desaturate by 10%, it is **869A9E**.

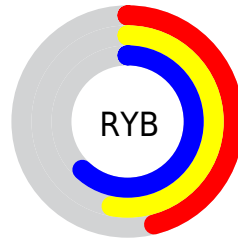
Distribution



Red (46%)

Green (60%)

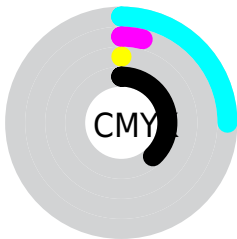
Blue (62%)



Red (46%)

Yellow (53%)

Blue (62%)

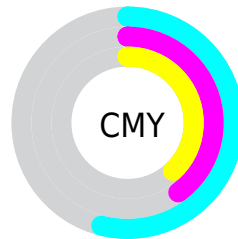


Cyan (25%)

Magenta (4%)

Yellow (0%)

Black (38%)



Cyan (54%)

Magenta (40%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76989E 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 76989E by changing the saturation by 10% instead.

 76989E

 76989E

FFFFFF

 5D7E84

 ABCED5

 44656B

 C7EBF1

 2C4D53

 E3FFFF

 15363C

 002126

 000511

 000000

 76989E

 76989E

 66969E

 869A9E

56939E

969D9E

47919E

A59F9E

378F9E

B5A19E

278C9E

C5A49E

178A9E

D5A69E

07879E

E5A99E

00869E

F4AB9E

FFAD9E

Harmonies

Analogous

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



789993



76989E



7C96A5

Triad

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



76989E



A28C9C



99927C

Complementary

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



76989E



9E7C76

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.



A38E7F



76989E



A98B91

Square

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



76989E



968FA4



A98C86



8D9580

Rectangle

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



76989E



8494A8



A98C86



9D917C

Sweetspot

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



76989E



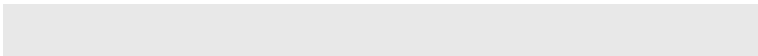
BECCCF



769E7C



5E6769



E8E8E8



696969

Same Dimension

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



76989E



91C5CF



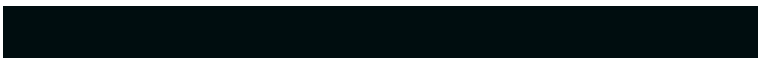
76849E



474E4F



00798F



000D0F

Inverse Universe

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



9E7698



CF91C5



9E9076



4F474E



8F0079



0F000D

Previews

White Background



This preview shows how the Hex color 76989E looks on a white background.

Color Contrast Check

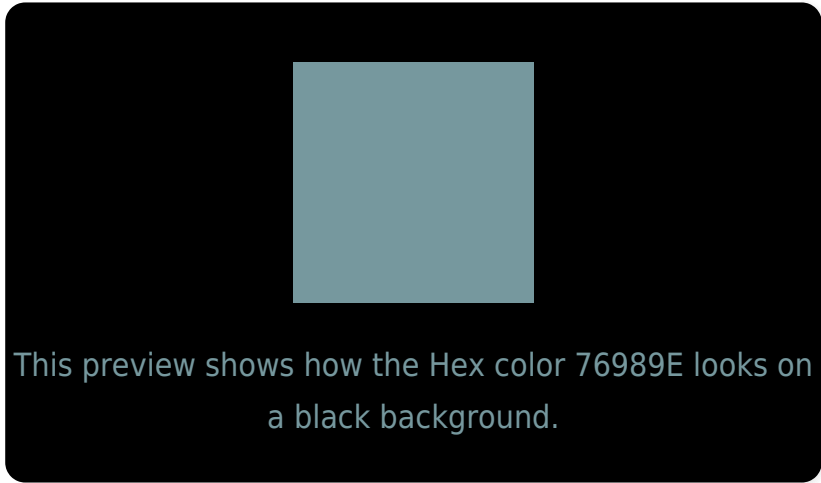
Large Text (above 18pt) WCAG AA ✓ Pass

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

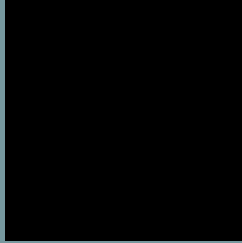
Any Text WCAG AA ✓ Pass

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 76989E Background



This preview shows how black text looks on a background with the Hex color 76989E.



This preview shows how white text looks on a background with the Hex color 76989E.

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
76989E

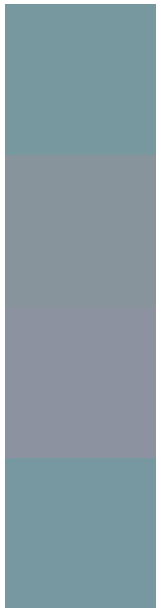
Protanopia
92919A

Deuteranopia
998EA0



Tritanopia
7797A3

Trichromacy



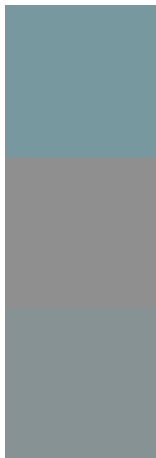
Original Color
76989E

Protanomaly
88949B

Deuteranomaly
8C929F

Tritanomaly
7797A1

Monochromacy



Original Color
76989E

Achromatopsia
8F8F8F

Achromatomaly
869294

CSS Examples

Text

The CSS property to change the color of the text to Hex 76989E 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 #76989E looks like.

```
.text, #text, p{  
    color:#76989E  
}
```

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 #76989E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76989E
}
```

Border

The CSS property to change the border of an element to Hex 76989E 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
#76989E }
```

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

```
.border{ border-color:#76989E }
```

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

Here you see how a box with a 4 pixel #76989E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76989E; -webkit-box-shadow:4px 4px  
4px 4px #76989E; box-shadow:4px 4px 4px  
4px #76989E }
```

Background

The CSS property to change the background color of an element to Hex 76989E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76989E }
```

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

```
.background{ background-color:#76989E }
```

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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