

Converting Colors

Hex(76759B)

Have a look what the booklet for
Hex(76759B) contains.

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Color

Hex(76759B)

Conversions

Conversions Part 1

Format	Color
Hex	76759B
RGB	118, 117, 155
RGB Percent	46%, 46%, 61%
CMY	0.5373, 0.5412, 0.3922
CMYK	0.24, 0.25, 0.00, 0.39
HSL	242°, 16%, 53%
HSV	242°, 25%, 61%
XYZ	19.7489, 18.9407, 33.6254
YIQ	121.6310, -11.6020, 12.0300

Conversions

Conversions Part 2

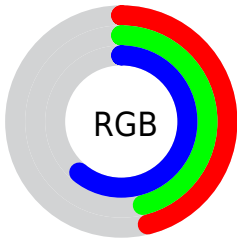
Format	Color
RYB	118, 117, 155
Decimal	7763355
CIELab	50.62, 9.00, -20.33
CIELCh	51, 22.231, 293.880
Yxy	18.9407, 0.2731, 0.2619
Android (android.graphics.Color)	4285953435 (0xFF76759B)
YUV	121.6310, 16.4509, -3.1844
Hunter-Lab	43.5209, 4.8381, -15.3444

Details

The Hex color **76759B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9A9B75**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **ABA9D2**, and **454568** is the 20% darker color. If you saturate the color by 10%, you get **67659B**, and if you desaturate by 10%, it is **85849B**.

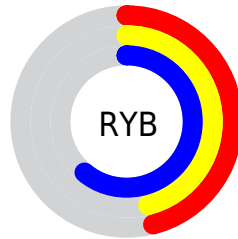
Distribution



Red (46%)

Green (46%)

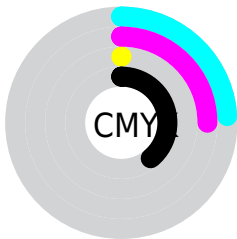
Blue (61%)



Red (46%)

Yellow (46%)

Blue (61%)

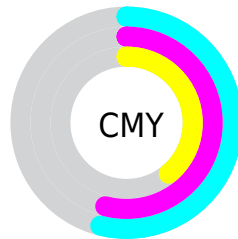


Cyan (24%)

Magenta (25%)

Yellow (0%)

Black (39%)



Cyan (54%)

Magenta (54%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76759B 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 76759B by changing the saturation by 10% instead.

■ 76759B

■ 76759B

FFFFFF

■ 5D5C81

■ ABA9D2

■ 454568

■ C6C4EE

■ 2D2F4F

■ E2E0FF

■ 171A38

■ FFFDFF

■ 010023

■ 00000A

■ 000000

■ 76759B

■ 76759B

■ 67659B

■ 85849B

58569B

94949B

49469B

A3A49B

3A379B

B2B39B

2B289B

C1C39B

1B189B

D1D29B

0C089B

E0E29B

04009B

EFF19B

FEFF9B

Harmonies

Analogous

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



5B7B9E



76759B



8D6F8F

Triad

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



76759B



98705B



4B8374

Complementary

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



76759B



9A9B75

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.



608062



76759B



8A7653

Square

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



76759B



9F6B6A



767C56



3E8387

Rectangle

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



76759B



986C84



767C56



52826D

Sweetspot

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



76759B



BCBBC9



759A9B



5E5E66



E6E6E6



666666

Same Dimension

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



76759B



918FC9



89759B



45454D



04008C



00000D

Inverse Universe

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



9B759A



C98FC8



879B75



4D454C



8C0089



0D000C

Previews

White Background



This preview shows how the Hex color 76759B looks on a white background.

Color Contrast Check

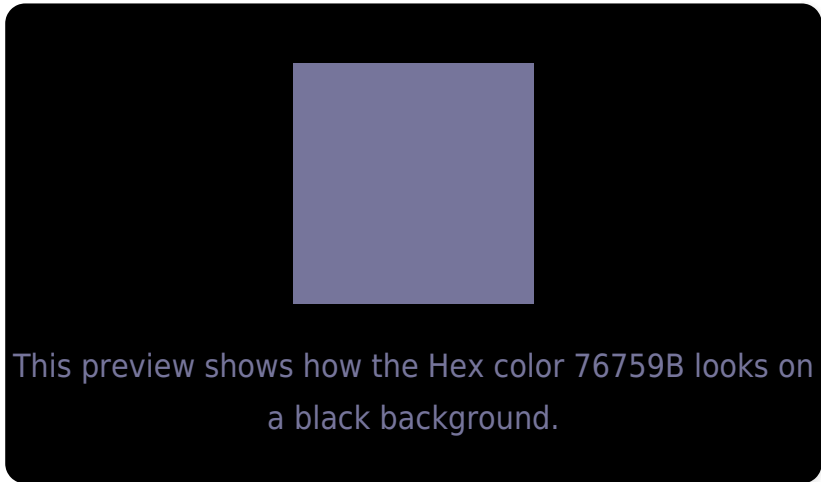
Large Text (above 18pt) WCAG AA ✓ Pass

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

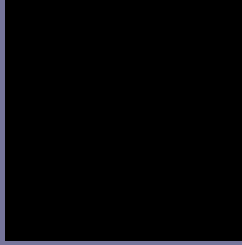
Any Text WCAG AA ✓ Pass

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 76759B Background



This preview shows how black text looks on a background with the Hex color 76759B.



This preview shows how white text looks on a background with the Hex color 76759B.

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
76759B

Protanopia
6F779C

Deuteranopia
72769B



Tritanopia
717983

Trichromacy



Original Color
76759B

Protanomaly
72769C

Deuteranomaly
73769B

Tritanomaly
73788C

Monochromacy



Original Color
76759B

Achromatopsia
7A7A7A

Achromatomaly
797886

CSS Examples

Text

The CSS property to change the color of the text to Hex 76759B 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 #76759B looks like.

```
.text, #text, p{  
    color:#76759B  
}
```

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 #76759B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76759B
}
```

Border

The CSS property to change the border of an element to Hex 76759B 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
#76759B }
```

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

```
.border{ border-color:#76759B }
```

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

Here you see how a box with a 4 pixel #76759B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76759B; -webkit-box-shadow:4px 4px  
4px 4px #76759B; box-shadow:4px 4px 4px  
4px #76759B }
```

Background

The CSS property to change the background color of an element to Hex 76759B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76759B }
```

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

```
.background{ background-color:#76759B }
```

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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