

Converting Colors

Hex(73849B)

Have a look what the booklet for
Hex(73849B) contains.

Hex(73849B)	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(73849B)

Conversions

Conversions Part 1

Format	Color
Hex	73849B
RGB	115, 132, 155
RGB Percent	45%, 52%, 61%
CMY	0.5490, 0.4824, 0.3922
CMYK	0.26, 0.15, 0.00, 0.39
HSL	214°, 17%, 53%
HSV	214°, 26%, 61%
XYZ	21.2379, 22.5139, 34.2366
YIQ	129.5390, -17.5150, 3.5490

Conversions

Conversions Part 2

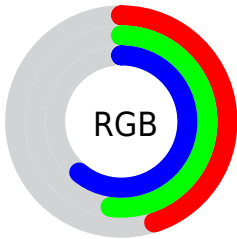
Format	Color
R_{YB}	115, 127, 155
Decimal	7570587
CIE _{Lab}	54.57, -0.76, -14.33
CIE _{LCh}	55, 14.352, 266.947
Yxy	22.5139, 0.2723, 0.2887
Android (android.graphics.Color)	4285760667 (0xFF73849B)
YUV	129.5390, 12.5523, -12.7507
Hunter-Lab	47.4488, -3.1397, -9.5664

Details

The Hex color **73849B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9B8A73**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **A8B9D1**, and **425368** is the 20% darker color. If you saturate the color by 10%, you get **647B9B**, and if you desaturate by 10%, it is **838D9B**.

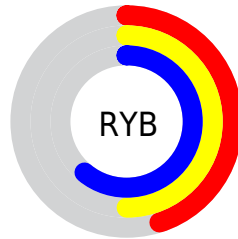
Distribution



Red (45%)

Green (52%)

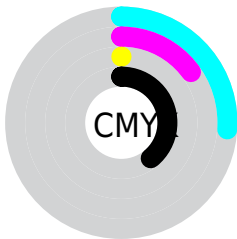
Blue (61%)



Red (45%)

Yellow (50%)

Blue (61%)

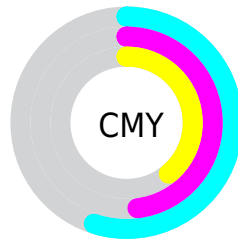


Cyan (26%)

Magenta (15%)

Yellow (0%)

Black (39%)



Cyan (55%)

Magenta (48%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73849B 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 73849B by changing the saturation by 10% instead.

■ 73849B

■ 73849B

FFFFFF

■ 5A6B81

■ A8B9D1

■ 425368

■ C3D5EE

■ 2B3C50

■ DFF1FF

■ 142639

■ FCFFFF

■ 001123

■ 00000C

■ 000000

■ 73849B

■ 73849B

■ 647B9B

■ 838D9B

■ 54729B

■ 92969B

■ 45699B

■ A29F9B

■ 35609B

■ B1A89B

■ 26579B

■ C1B19B

■ 164F9B

■ D0B99B

■ 07469B

■ DFC29B

■ 00429B

■ EF9B9B

■ FFD49B

Harmonies

Analogous

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



668797



73849B



838099

Triad

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



73849B



9D7A78



728875

Complementary

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



73849B



9B8A73

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.



80856C



73849B



987D6E

Square

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



73849B



9B7A84



8E816A



668A81

Rectangle

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



73849B



8D7D94



8E816A



778771

Sweetspot

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



73849B



B9C0C9



739B8A



5C6066



E6E6E6



666666

Same Dimension

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



73849B



8BA6C9



76739B



45484D



003C8C



00050D

Inverse Universe

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



9B7384



C98BA6



989B73



4D4548



8C003C



0D0005

Previews

White Background



This preview shows how the Hex color 73849B looks on a white background.

Color Contrast Check

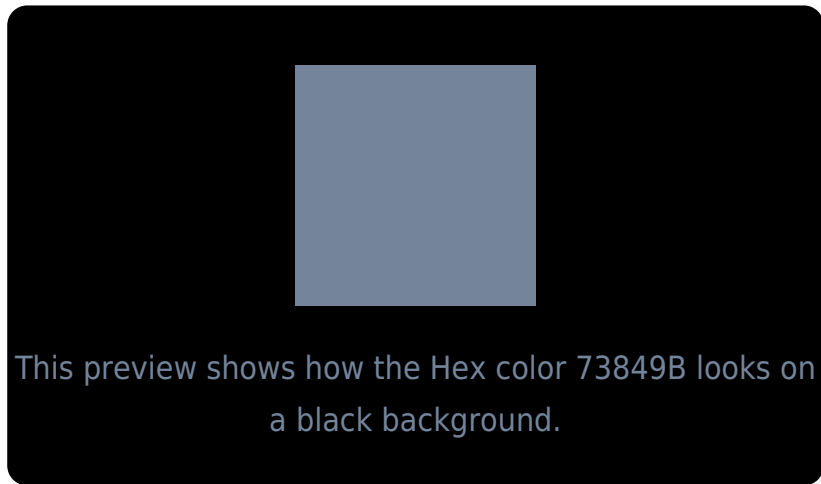
Large Text (above 18pt) WCAG AA ✓ Pass

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

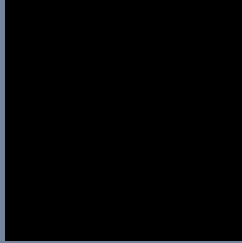
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

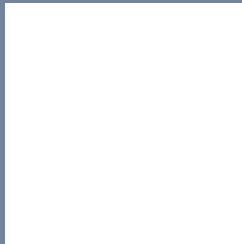
Any Text WCAG AAA × Fail

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

Hex 73849B Background



This preview shows how black text looks on a background with the Hex color 73849B.



This preview shows how white text looks on a background with the Hex color 73849B.

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

73849B

Protanopia

7E8199

Deuteranopia

827F9C



Tritanopia
718690

Trichromacy



Original Color
73849B

Protanomaly
7A829A

Deuteranomaly
7D819C

Tritanomaly
728594

Monochromacy



Original Color
73849B

Achromatopsia
828282

Achromatomaly
7D838B

CSS Examples

Text

The CSS property to change the color of the text to Hex 73849B 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 #73849B looks like.

```
.text, #text, p{  
    color:#73849B  
}
```

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 #73849B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73849B
}
```

Border

The CSS property to change the border of an element to Hex 73849B 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
#73849B }
```

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

```
.border{ border-color:#73849B }
```

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

Here you see how a box with a 4 pixel #73849B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73849B; -webkit-box-shadow:4px 4px  
4px 4px #73849B; box-shadow:4px 4px 4px  
4px #73849B }
```

Background

The CSS property to change the background color of an element to Hex 73849B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73849B }
```

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

```
.background{ background-color:#73849B }
```

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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