

Converting Colors

Hex(6D739B)

Have a look what the booklet for
Hex(6D739B) contains.

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Color

Hex(6D739B)

Conversions

Conversions Part 1

Format	Color
Hex	6D739B
RGB	109, 115, 155
RGB Percent	43%, 45%, 61%
CMY	0.5725, 0.5490, 0.3922
CMYK	0.30, 0.26, 0.00, 0.39
HSL	232°, 19%, 52%
HSV	232°, 30%, 61%
XYZ	18.3538, 17.8792, 33.4940
YIQ	117.7660, -16.4160, 11.1680

Conversions

Conversions Part 2

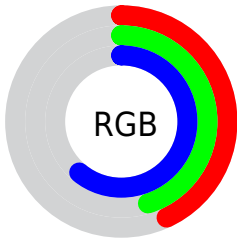
Format	Color
R_{YB}	109, 114, 155
Decimal	7173019
CIE _{Lab}	49.35, 7.32, -22.34
CIE _{LCh}	49, 23.508, 288.150
Yxy	17.8792, 0.2632, 0.2564
Android (android.graphics.Color)	4285363099 (0xFF6D739B)
YUV	117.7660, 18.3564, -7.6878
Hunter-Lab	42.2838, 3.4833, -17.3663

Details

The Hex color **6D739B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9B956D**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **A2A7D2**, and **3C4368** is the 20% darker color. If you saturate the color by 10%, you get **5E669B**, and if you desaturate by 10%, it is **7C809B**.

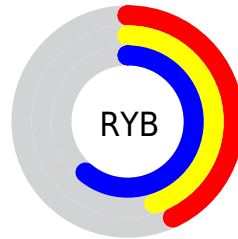
Distribution



Red (43%)

Green (45%)

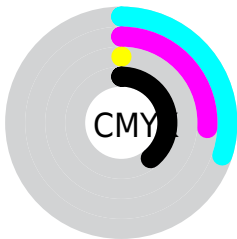
Blue (61%)



Red (43%)

Yellow (45%)

Blue (61%)

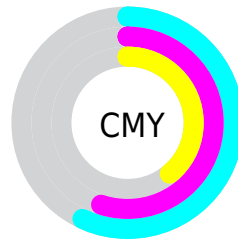


Cyan (30%)

Magenta (26%)

Yellow (0%)

Black (39%)



Cyan (57%)

Magenta (55%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D739B 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 6D739B by changing the saturation by 10% instead.

■ 6D739B

■ 6D739B

FFFFFF

■ 545B81

■ A2A7D2

■ 3C4368

■ BDC2EE

■ 242D4F

■ D9DEFF

■ 0B1938

■ F6FAFF

■ 000023

■ 00000A

■ 000000

■ 6D739B

■ 6D739B

■ 5E669B

■ 7C809B

■ 4E589B

■ 8C8E9B

■ 3F4B9B

■ 9B9B9B

■ 2F3D9B

■ ABA99B

■ 20309B

■ BAB69B

■ 10229B

■ CAC49B

■ 01159B

■ DAD19B

■ 00149B

■ E9DF9B

■ F9EC9B

Harmonies

Analogous

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



4F7A9C



6D739B



876C90

Triad

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



6D739B



986B58



49806C

Complementary

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



6D739B



9B956D

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.



607D5A



6D739B



8A714F

Square

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



6D739B



9D676A



77784F



378081

Rectangle

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



6D739B



936885



77784F



517F66

Sweetspot

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



6D739B



B7BAC9



6D9B95



5B5C66



E6E6E6



666666

Same Dimension

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



6D739B



818AC9



7E6D9B



45464D



00128C



00020D

Inverse Universe

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



9B6D73



C9818A



8A9B6D



4D4546



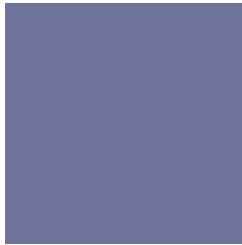
8C0012



0D0002

Previews

White Background



This preview shows how the Hex color 6D739B looks on a white background.

Color Contrast Check

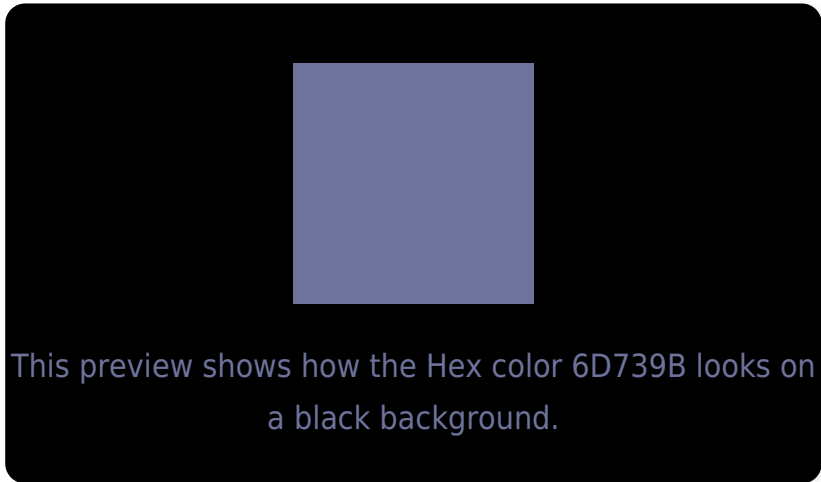
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

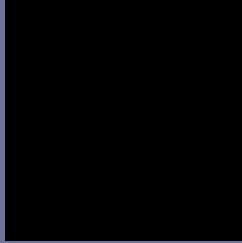
Any Text WCAG AA ✓ Pass

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 6D739B Background



This preview shows how black text looks on a background with the Hex color 6D739B.



This preview shows how white text looks on a background with the Hex color 6D739B.

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
6D739B

Protanopia
6A749C

Deuteranopia
6C739B



Tritanopia
687881

Trichromacy



Original Color
6D739B

Protanomaly
6B749C

Deuteranomaly
6C739B

Tritanomaly
6A768A

Monochromacy



Original Color
6D739B

Achromatopsia
767676

Achromatomaly
737583

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D739B 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 #6D739B looks like.

```
.text, #text, p{  
    color:#6D739B  
}
```

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 #6D739B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D739B
}
```

Border

The CSS property to change the border of an element to Hex 6D739B 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
#6D739B }
```

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

```
.border{ border-color:#6D739B }
```

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

Here you see how a box with a 4 pixel #6D739B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D739B; -webkit-box-shadow:4px 4px  
4px 4px #6D739B; box-shadow:4px 4px 4px  
4px #6D739B }
```

Background

The CSS property to change the background color of an element to Hex 6D739B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D739B }
```

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

```
.background{ background-color:#6D739B }
```

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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