

Converting Colors

Hex(6D839E)

Have a look what the booklet for
Hex(6D839E) contains.

| | |
|--|----|
| Hex(6D839E) | 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(6D839E)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 6D839E |
| RGB | 109, 131, 158 |
| RGB Percent | 43%, 51%, 62% |
| CMY | 0.5725, 0.4863, 0.3804 |
| CMYK | 0.31, 0.17, 0.00, 0.38 |
| HSL | 213°, 20%, 52% |
| HSV | 213°, 31%, 62% |
| XYZ | 20.5945, 21.9524, 35.4995 |
| YIQ | 127.5000, -21.7790, 3.7330 |

Conversions

Conversions Part 2

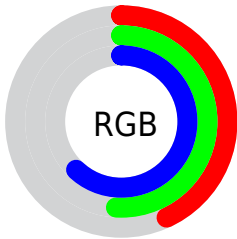
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 109, 124, 158 |
| Decimal | 7177118 |
| CIE Lab | 53.98, -1.31, -17.00 |
| CIE LCh | 54, 17.054, 265.596 |
| Yxy | 21.9524, 0.2639, 0.2813 |
| Android (android.graphics.Color) | 4285367198 (0xFF6D839E) |
| YUV | 127.5000, 15.0365, -16.2245 |
| Hunter-Lab | 46.8534, -3.5334, -12.1250 |

Details

The Hex color **6D839E** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **9E886D**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **A2B8D5**, and **3B526B** is the 20% darker color. If you saturate the color by 10%, you get **5D7A9E**, and if you desaturate by 10%, it is **7D8C9E**.

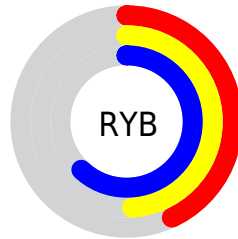
Distribution



Red (43%)

Green (51%)

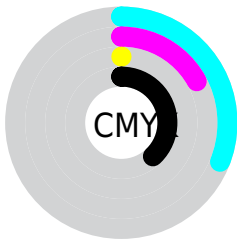
Blue (62%)



Red (43%)

Yellow (49%)

Blue (62%)

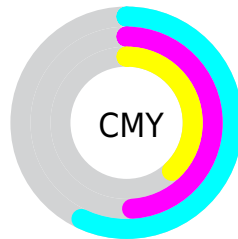


Cyan (31%)

Magenta (17%)

Yellow (0%)

Black (38%)



Cyan (57%)

Magenta (49%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D839E 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 6D839E by changing the saturation by 10% instead.



6D839E



6D839E

FFFFFF



546A84



A2B8D5



3B526B



BDD4F1



243B52



D9F0FF



0A253B



F6FFFF



001025



00010F



000000



6D839E



6D839E



5D7A9E



7D8C9E

■ 4D729E

■ 8D949E

■ 3E699E

■ 9C9D9E

■ 2E609E

■ ACA69E

■ 1E579E

■ BCAF9E

■ 0E4F9E

■ CCB79E

■ 00479E

■ DCC09E

■ EBC99E

■ FBD19E

Harmonies

Analogous

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



5D8799



6D839E



817E9B

Triad

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



6D839E



9F7775



6E8870

Complementary

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



6D839E



9E886D

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.



7F8466



6D839E



9A7B69

Square

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



6D839E



9D7784



8E7F64



5F897E

Rectangle

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



6D839E



8D7B96



8E7F64



73876C

Sweetspot

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



6D839E



BCC4CF



6D9E88



5D6269



E8E8E8



696969

Same Dimension

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



6D839E



82A4CF



6F6D9E



474B4F



00408F



00070F

Inverse Universe

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



9E6D83



CF82A4



9C9E6D



4F474B



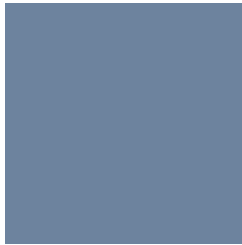
8F0040



0F0007

Previews

White Background



This preview shows how the Hex color 6D839E looks on a white background.

Color Contrast Check

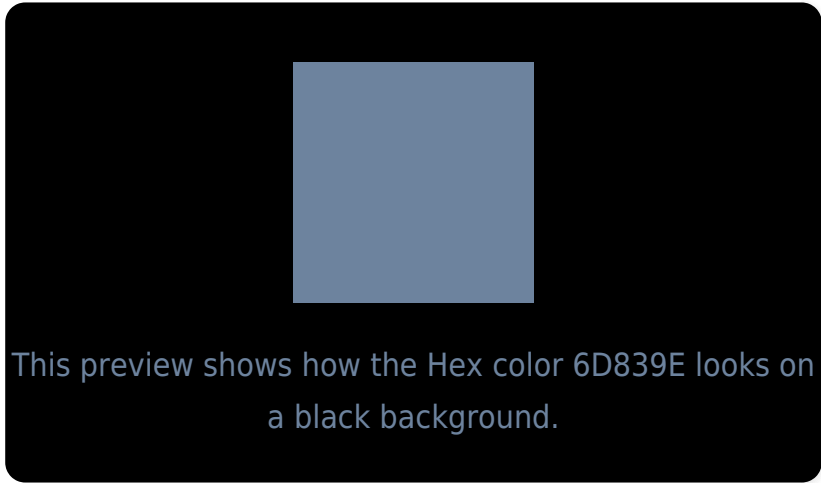
Large Text (above 18pt) WCAG AA ✓ Pass

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

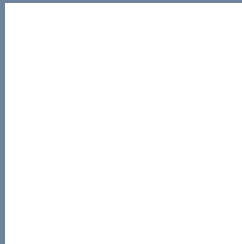
Any Text WCAG AAA × Fail

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

Hex 6D839E Background



This preview shows how black text looks on a background with the Hex color 6D839E.




This preview shows how white text looks on a background with the Hex color 6D839E.

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](#).

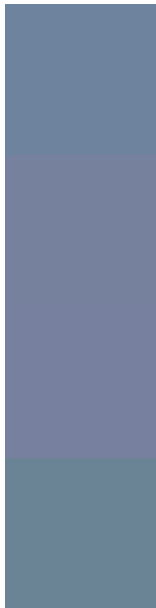
Dichromacy





Tritanopia
6A8590

Trichromacy



Original Color
6D839E

Protanomaly
76819D

Deuteranomaly
78809F

Tritanomaly
6B8495

Monochromacy



Original Color
6D839E

Achromatopsia
808080

Achromatomaly
79818B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D839E 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 #6D839E looks like.

```
.text, #text, p{  
    color:#6D839E  
}
```

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 #6D839E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D839E
}
```

Border

The CSS property to change the border of an element to Hex 6D839E is called "border". The border property can be set on classes, ids or directly on the HTML element.

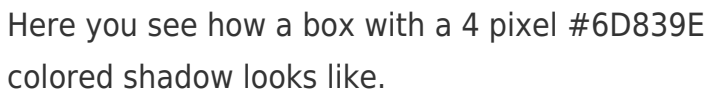
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D839E }
```

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

```
.border{ border-color:#6D839E }
```

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



Here you see how a box with a 4 pixel #6D839E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D839E; -webkit-box-shadow:4px 4px  
4px 4px #6D839E; box-shadow:4px 4px 4px  
4px #6D839E }
```

Background

The CSS property to change the background color of an element to Hex 6D839E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D839E }
```

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

```
.background{ background-color:#6D839E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor