

Converting Colors

Hex(6A807B)

Have a look what the booklet for
Hex(6A807B) contains.

Hex(6A807B)	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(6A807B)

Conversions

Conversions Part 1

Format	Color
Hex	6A807B
RGB	106, 128, 123
RGB Percent	42%, 50%, 48%
CMY	0.5843, 0.4980, 0.5176
CMYK	0.17, 0.00, 0.04, 0.50
HSL	166°, 9%, 46%
HSV	166°, 17%, 50%
XYZ	17.2382, 19.9326, 21.6777
YIQ	120.8520, -11.5070, -6.2190

Conversions

Conversions Part 2

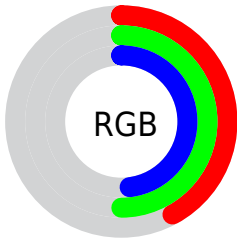
Format	Color
RYB	106, 118, 128
Decimal	6979707
CIELab	51.76, -9.05, 0.05
CIELCh	52, 9.050, 179.711
Yxy	19.9326, 0.2929, 0.3387
Android (android.graphics.Color)	4285169787 (0xFF6A807B)
YUV	120.8520, 1.0590, -13.0252
Hunter-Lab	44.6459, -9.2099, 2.4640

Details

The Hex color **6A807B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **806A6F**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **9EB5AF**, and **3A4F4A** is the 20% darker color. If you saturate the color by 10%, you get **5D8078**, and if you desaturate by 10%, it is **77807E**.

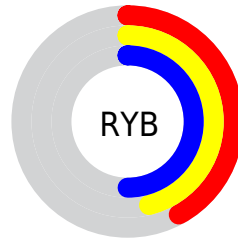
Distribution



Red (42%)

Green (50%)

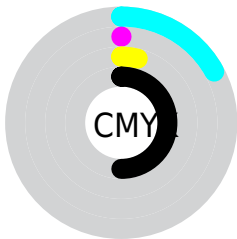
Blue (48%)



Red (42%)

Yellow (46%)

Blue (50%)

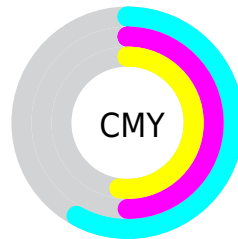


Cyan (17%)

Magenta (0%)

Yellow (4%)

Black (50%)



Cyan (58%)

Magenta (50%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A807B 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 6A807B by changing the saturation by 10% instead.

6A807B

6A807B

FFFFFF

526762

9EB5AF

3A4F4A

B9D0CB

243834

D4EDE7

0F221F

F1FFFF

000C06

000000

6A807B

6A807B

5D8078

77807E

508075

848081

■ 448072

■ 908084

■ 37806F

■ 9D8087

■ 2A806C

■ AA808A

■ 1D806A

■ B7808C

■ 108067

■ C4808F

■ 048064

■ D08092

■ 008063

■ DD8095

Harmonies

Analogous

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



707F73



6A807B



688083

Triad

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



6A807B



7D7989



89786E

Complementary

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



6A807B



806A6F

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.



8C7774



6A807B



867783

Square

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



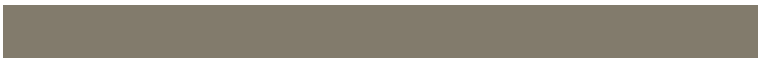
6A807B



737C8B



8B767C



827B6C

Rectangle

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



6A807B



6A7F87



8B767C



8A7870

Sweetspot

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



6A807B



9DA6A4



6F806A



4F5453



D4D4D4



545454

Same Dimension

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



6A807B



83A69E



6A7A80



39403E



008063



000000

Inverse Universe

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



806A6F



A6838B



80706A



40393B



80001D



000000

Previews

White Background



This preview shows how the Hex color 6A807B looks on a white background.

Color Contrast Check

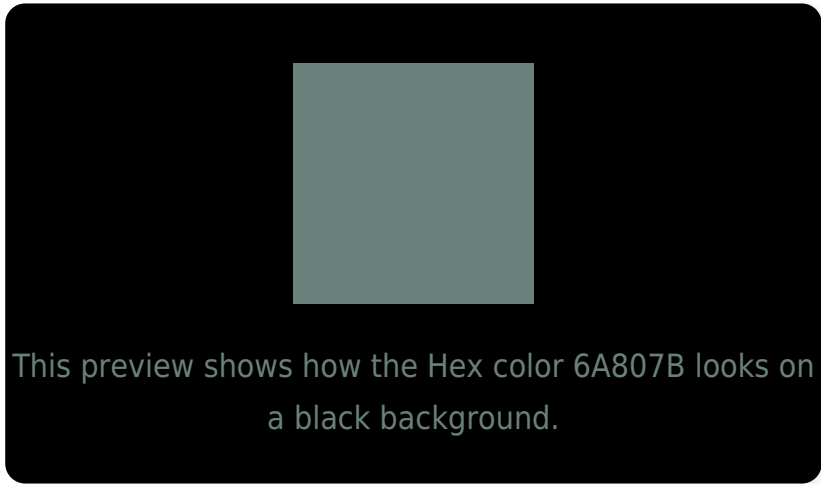
Large Text (above 18pt) WCAG AA ✓ Pass

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

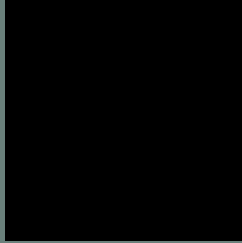
Any Text WCAG AA ✓ Pass

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 6A807B Background



This preview shows how black text looks on a background with the Hex color 6A807B.



This preview shows how white text looks on a background with the Hex color 6A807B.

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
6A807B

Protanopia
7E7B78

Deuteranopia
86777D



Tritanopia
6C7E88

Trichromacy



Original Color

6A807B

Protanomaly

777D79

Deuteranomaly

7C7A7C

Tritanomaly

6B7F83

Monochromacy



Original Color

6A807B

Achromatopsia

797979

Achromatomaly

747C7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A807B 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 #6A807B looks like.

```
.text, #text, p{  
    color:#6A807B  
}
```

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 #6A807B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A807B  
}
```

Border

The CSS property to change the border of an element to Hex 6A807B 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".

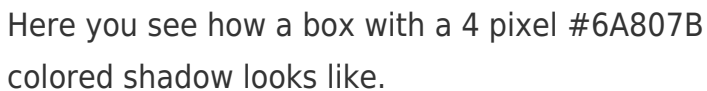
```
.border, #border, table{ border:4px solid  
#6A807B }
```

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

```
.border{ border-color:#6A807B }
```

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

Here you see how a box with a 4 pixel #6A807B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A807B; -webkit-box-shadow:4px 4px  
4px 4px #6A807B; box-shadow:4px 4px 4px  
4px #6A807B }
```

Background

The CSS property to change the background color of an element to Hex 6A807B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A807B }
```

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

```
.background{ background-color:#6A807B }
```

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