

Converting Colors

Hex(6A817C)

Have a look what the booklet for
Hex(6A817C) contains.

Hex(6A817C)	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(6A817C)

Conversions

Conversions Part 1

Format	Color
Hex	6A817C
RGB	106, 129, 124
RGB Percent	42%, 51%, 49%
CMY	0.5843, 0.4941, 0.5137
CMYK	0.18, 0.00, 0.04, 0.49
HSL	167°, 10%, 46%
HSV	167°, 18%, 51%
XYZ	17.4322, 20.2199, 22.0528
YIQ	121.5530, -12.1030, -6.4310

Conversions

Conversions Part 2

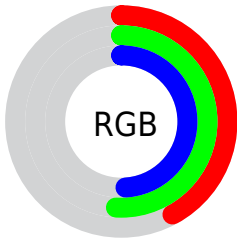
Format	Color
R_{YB}	106, 119, 129
Decimal	6979964
CIE _{Lab}	52.08, -9.39, -0.07
CIE _{LCh}	52, 9.389, 180.399
Yxy	20.2199, 0.2920, 0.3387
Android (android.graphics.Color)	4285170044 (0xFF6A817C)
YUV	121.5530, 1.2064, -13.6400
Hunter-Lab	44.9666, -9.4923, 2.3991

Details

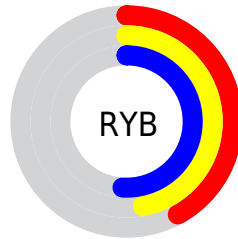
The Hex color **6A817C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **816A6F**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **9EB6B0**, and **3A504B** is the 20% darker color. If you saturate the color by 10%, you get **5D8179**, and if you desaturate by 10%, it is **77817F**.

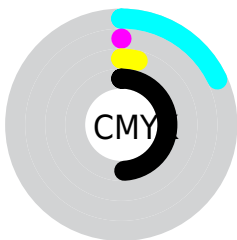
Distribution



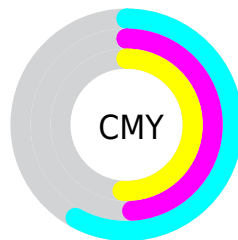
- Red (42%)
- Green (51%)
- Blue (49%)



- Red (42%)
- Yellow (47%)
- Blue (51%)



- Cyan (18%)
- Magenta (0%)
- Yellow (4%)
- Black (49%)



- Cyan (58%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A817C 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 6A817C by changing the saturation by 10% instead.

■ 6A817C

■ 6A817C

FFFFFF

■ 526863

■ 9EB6B0

■ 3A504B

■ B9D1CC

■ 243935

■ D4EEE8

■ 0F2320

■ F1FFFF

■ 000E07

■ 000000

■ 6A817C

■ 6A817C

■ 5D8179

■ 77817F

■ 508176

■ 848182

■ 438174

■ 918184

■ 368171

■ 9E8187

■ 2A816E

■ AB818A

■ 1D816B

■ B7818D

■ 108168

■ C48190

■ 038166

■ D18192

■ 008165

■ DE8195

Harmonies

Analogous

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



718074



6A817C



688184

Triad

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



6A817C



7E7A8A



8A796E

Complementary

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



6A817C



816A6F

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.



8D7774



6A817C



877884

Square

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



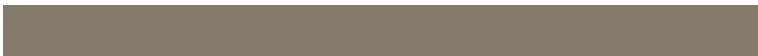
6A817C



747D8C



8C777C



837C6C

Rectangle

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



6A817C



6A8088



8C777C



8B7870

Sweetspot

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



6A817C



A0A8A6



6F816A



4F5453



D4D4D4



545454

Same Dimension

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



6A817C



85A8A1



6A7B81



39403E



008064



000000

Inverse Universe

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



816A6F



A8858D



81706A



40393B



80001C



000000

Previews

White Background



This preview shows how the Hex color 6A817C looks on a white background.

Color Contrast Check

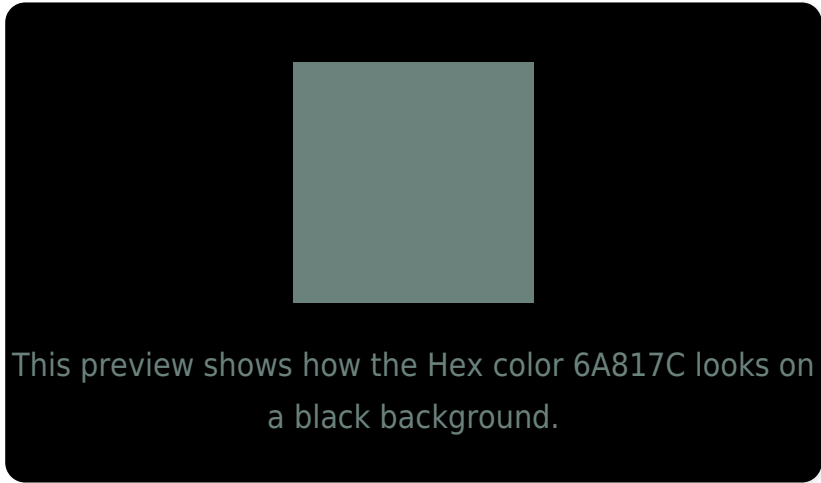
Large Text (above 18pt) WCAG AA ✓ Pass

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

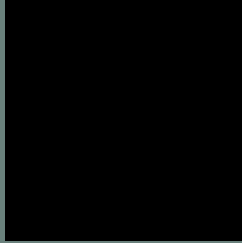
Any Text WCAG AA ✓ Pass

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 6A817C Background



This preview shows how black text looks on a background with the Hex color 6A817C.

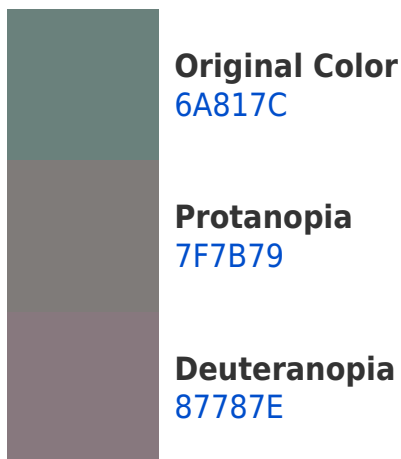


This preview shows how white text looks on a background with the Hex color 6A817C.

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](#).

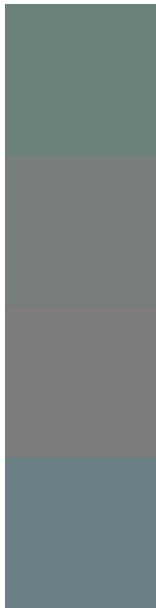
Dichromacy





Tritanopia
6C7F89

Trichromacy



Original Color
6A817C

Protanomaly
777D7A

Deuteranomaly
7C7B7D

Tritanomaly
6B8084

Monochromacy



Original Color
6A817C

Achromatopsia
7A7A7A

Achromatomaly
747D7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A817C 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 #6A817C looks like.

```
.text, #text, p{  
    color:#6A817C  
}
```

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 #6A817C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A817C
}
```

Border

The CSS property to change the border of an element to Hex 6A817C is called "border". The border property can be set on classes, ids or directly on the HTML element.

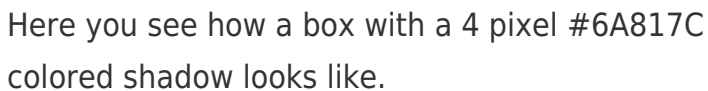
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A817C }
```

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

```
.border{ border-color:#6A817C }
```

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



Here you see how a box with a 4 pixel #6A817C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A817C; -webkit-box-shadow:4px 4px  
4px 4px #6A817C; box-shadow:4px 4px 4px  
4px #6A817C }
```

Background

The CSS property to change the background color of an element to Hex 6A817C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A817C }
```

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

```
.background{ background-color:#6A817C }
```

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