

Converting Colors

Hex(6A7C6F)

Have a look what the booklet for
Hex(6A7C6F) contains.

Hex(6A7C6F)	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(6A7C6F)

Conversions

Conversions Part 1

Format	Color
Hex	6A7C6F
RGB	106, 124, 111
RGB Percent	42%, 49%, 44%
CMY	0.5843, 0.5137, 0.5647
CMYK	0.15, 0.00, 0.10, 0.51
HSL	137°, 8%, 45%
HSV	137°, 15%, 49%
XYZ	16.0208, 18.6272, 17.7899
YIQ	117.1360, -6.5550, -7.8590

Conversions

Conversions Part 2

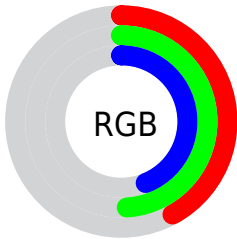
Format	Color
RYB	106, 120, 124
Decimal	6978671
CIELab	50.25, -9.36, 4.88
CIELCh	50, 10.554, 152.436
Yxy	18.6272, 0.3055, 0.3552
Android (android.graphics.Color)	4285168751 (0xFF6A7C6F)
YUV	117.1360, -3.0250, -9.7663
Hunter-Lab	43.1592, -9.2692, 5.7725

Details

The Hex color **6A7C6F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7C6A77**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **9DB1A3**, and **3B4B3F** is the 20% darker color. If you saturate the color by 10%, you get **5E7C66**, and if you desaturate by 10%, it is **767C78**.

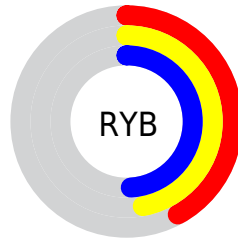
Distribution



Red (42%)

Green (49%)

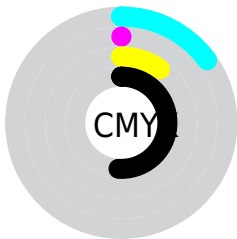
Blue (44%)



Red (42%)

Yellow (47%)

Blue (49%)

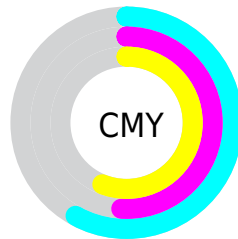


Cyan (15%)

Magenta (0%)

Yellow (10%)

Black (51%)



Cyan (58%)

Magenta (51%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A7C6F 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 6A7C6F by changing the saturation by 10% instead.



6A7C6F



6A7C6F

FFFFFF



526357



9DB1A3



3B4B3F



B8CCBE



253529



D4E8D9



101F15



F0FFF6



000200



000000



6A7C6F



6A7C6F



5E7C66



767C78



517C5D



837C81

 457C54

 8F7C8A

 387C4B

 9C7C93

 2C7C42

 A87C9C

 207C39

 B47CA5

 137C30

 C17CAE

 077C27

 CD7CB7

 007C22

 DA7CC0

Harmonies

Analogous

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



747A68



6A7C6F



637D78

Triad

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



6A7C6F



6F7889



8A726E

Complementary

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



6A7C6F



7C6A77

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.



8A7177



6A7C6F



7A7587

Square

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



6A7C6F



657B87



847380



867468

Rectangle

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



6A7C6F



617D7E



847380



8B7271

Sweetspot

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



6A7C6F



9AA19C



777C6A



4E524F



D1D1D1



525252

Same Dimension

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



6A7C6F



85A18D



6A7C78



373D39



007D23



00FC46

Inverse Universe

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



7C6A77



A18599



7C6A6E



3D373C



7D005A



FC00B6

Previews

White Background



This preview shows how the Hex color 6A7C6F looks on a white background.

Color Contrast Check

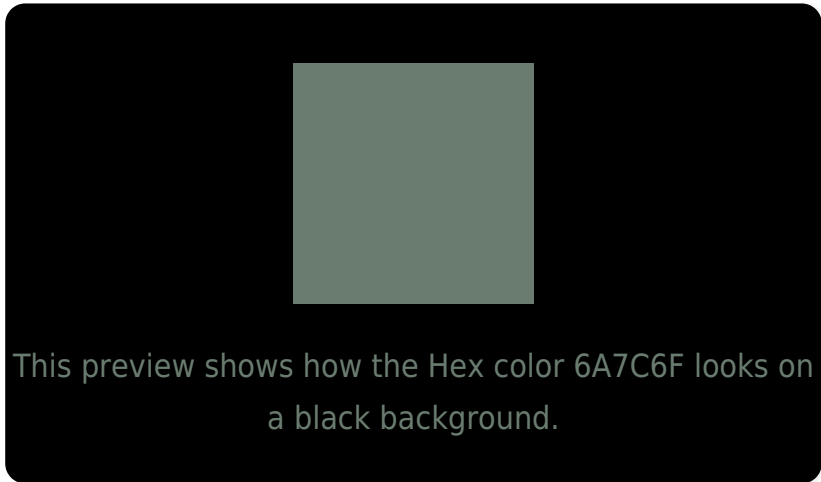
Large Text (above 18pt) WCAG AA ✓ Pass

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

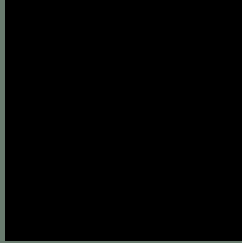
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

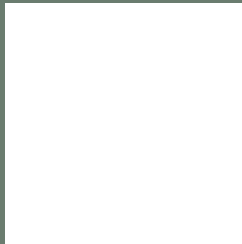
Any Text WCAG AAA × Fail

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

Hex 6A7C6F Background



This preview shows how black text looks on a background with the Hex color 6A7C6F.

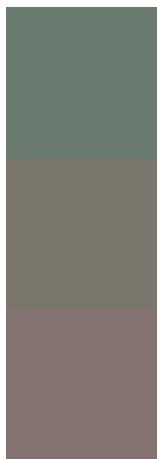


This preview shows how white text looks on a background with the Hex color 6A7C6F.

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
6A7C6F

Protanopia
7C776C

Deuteranopia
857371



Tritanopia
6D7983

Trichromacy



Original Color
6A7C6F

Protanomaly
75796D

Deuteranomaly
7B7670

Tritanomaly
6C7A7C

Monochromacy



Original Color
6A7C6F

Achromatopsia
757575

Achromatomaly
717873

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A7C6F 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 #6A7C6F looks like.

```
.text, #text, p{  
    color:#6A7C6F  
}
```

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 #6A7C6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7C6F
}
```

Border

The CSS property to change the border of an element to Hex 6A7C6F is called "border". The border property can be set on classes, ids or directly on the HTML element.

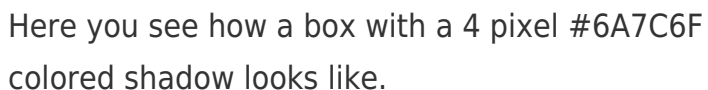
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A7C6F }
```

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

```
.border{ border-color:#6A7C6F }
```

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



Here you see how a box with a 4 pixel #6A7C6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7C6F; -webkit-box-shadow:4px 4px  
4px 4px #6A7C6F; box-shadow:4px 4px 4px  
4px #6A7C6F }
```

Background

The CSS property to change the background color of an element to Hex 6A7C6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7C6F }
```

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

```
.background{ background-color:#6A7C6F }
```

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