

Converting Colors

Hex(6C7A68)

Have a look what the booklet for
Hex(6C7A68) contains.

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Color

Hex(6C7A68)

Conversions

Conversions Part 1

Format	Color
Hex	6C7A68
RGB	108, 122, 104
RGB Percent	42%, 48%, 41%
CMY	0.5765, 0.5216, 0.5922
CMYK	0.11, 0.00, 0.15, 0.52
HSL	107°, 8%, 44%
HSV	107°, 15%, 48%
XYZ	15.6426, 18.1067, 15.7672
YIQ	115.7620, -2.5660, -8.5660

Conversions

Conversions Part 2

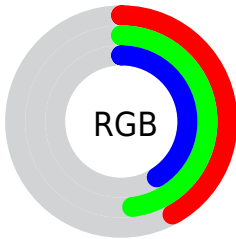
Format	Color
RYB	104, 122, 118
Decimal	7109224
CIELab	49.63, -8.86, 8.12
CIELCh	50, 12.020, 137.495
Yxy	18.1067, 0.3159, 0.3657
Android (android.graphics.Color)	4285299304 (0xFF6C7A68)
YUV	115.7620, -5.7987, -6.8073
Hunter-Lab	42.5520, -8.8474, 7.8171

Details

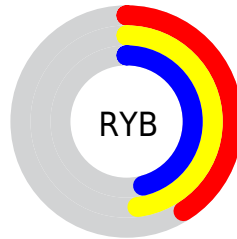
The Hex color **6C7A68** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **76687A**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **A0AE9B**, and **3C4939** is the 20% darker color. If you saturate the color by 10%, you get **637A5C**, and if you desaturate by 10%, it is **757A74**.

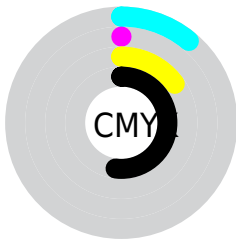
Distribution



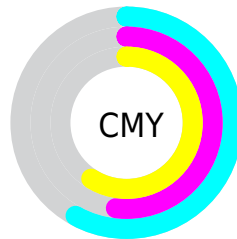
- Red (42%)
- Green (48%)
- Blue (41%)



- Red (41%)
- Yellow (48%)
- Blue (46%)



- Cyan (11%)
- Magenta (0%)
- Yellow (15%)
- Black (52%)



- Cyan (58%)
- Magenta (52%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C7A68 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 6C7A68 by changing the saturation by 10% instead.

■ 6C7A68

■ 6C7A68

FFFFFF

■ 546150

■ A0AE9B

■ 3C4939

■ BBCAB6

■ 273323

■ D6E6D2

■ 131E0E

■ F3FFEE

■ 000000

■ 6C7A68

■ 6C7A68

■ 637A5C

■ 757A74

■ 597A50

■ 7F7A80

■ 507A43

■ 887A8D

■ 467A37

■ 927A99

■ 3D7A2B

■ 9B7AA5

■ 337A1F

■ A57AB1

■ 2A7A13

■ AE7ABD

■ 207A06

■ B87ACA

■ 1B7A00

■ C17AD6

Harmonies

Analogous

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



787763



6C7A68



627C71

Triad

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



6C7A68



66788A



8C6F70

Complementary

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



6C7A68



76687A

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.



886F7B



6C7A68



727589

Square

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



6C7A68



5D7B85



7F7284



897167

Rectangle

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



6C7A68



5D7C78



7F7284



8B6F74

Sweetspot

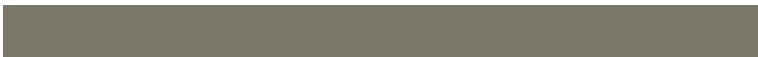
The Sweet Spot groups the original color and five complimentary colors.



6C7A68



999E98



7A7668



4C4F4B



CFCFCF



4F4F4F

Same Dimension

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



6C7A68



889E82



687A6D



383D37



1C7D00



38FC00

Inverse Universe

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



76687A



98829E



7A6875



3C373D



61007D



C400FC

Previews

White Background



This preview shows how the Hex color 6C7A68 looks on a white background.

Color Contrast Check

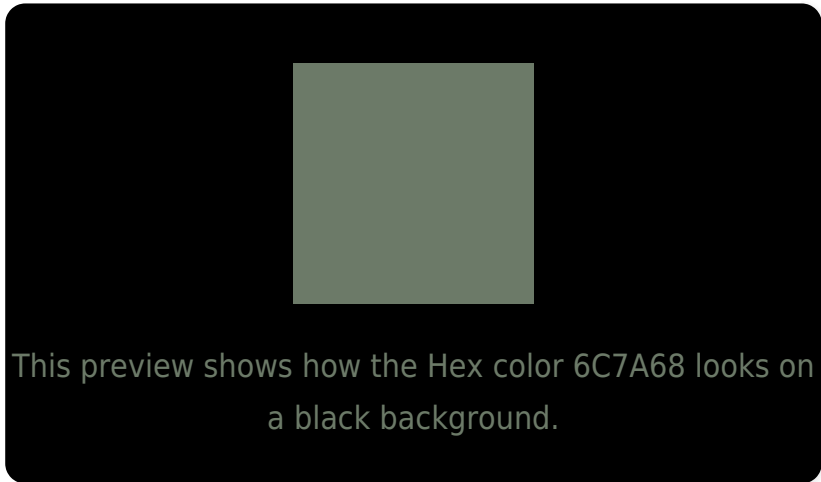
Large Text (above 18pt) WCAG AA ✓ Pass

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

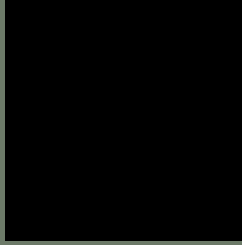
Any Text WCAG AA ✓ Pass

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 6C7A68 Background



This preview shows how black text looks on a background with the Hex color 6C7A68.

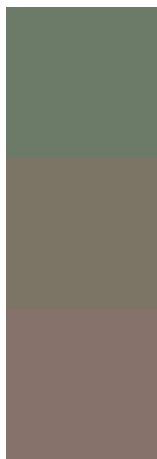


This preview shows how white text looks on a background with the Hex color 6C7A68.

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
6C7A68

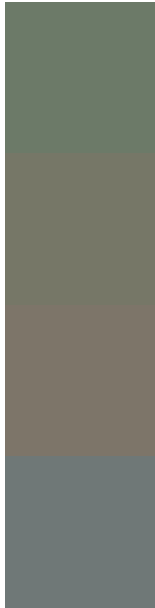
Protanopia
7C7566

Deuteranopia
86726A



Tritanopia
707780

Trichromacy



Original Color
6C7A68

Protanomaly
767767

Deuteranomaly
7D7569

Tritanomaly
6F7877

Monochromacy



Original Color
6C7A68

Achromatopsia
747474

Achromatomaly
717670

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C7A68 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 #6C7A68 looks like.

```
.text, #text, p{  
    color:#6C7A68  
}
```

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 #6C7A68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C7A68  
}
```

Border

The CSS property to change the border of an element to Hex 6C7A68 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  
#6C7A68 }
```

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

```
.border{ border-color:#6C7A68 }
```

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

Here you see how a box with a 4 pixel #6C7A68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C7A68; -webkit-box-shadow:4px 4px  
4px 4px #6C7A68; box-shadow:4px 4px 4px  
4px #6C7A68 }
```

Background

The CSS property to change the background color of an element to Hex 6C7A68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C7A68 }
```

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

```
.background{ background-color:#6C7A68 }
```

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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