

Converting Colors

Hex(6B8A71)

Have a look what the booklet for
Hex(6B8A71) contains.

Hex(6B8A71)	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(6B8A71)

Conversions

Conversions Part 1

Format	Color
Hex	6B8A71
RGB	107, 138, 113
RGB Percent	42%, 54%, 44%
CMY	0.5804, 0.4588, 0.5569
CMYK	0.22, 0.00, 0.18, 0.46
HSL	132°, 13%, 48%
HSV	132°, 22%, 54%
XYZ	18.1325, 22.4950, 19.0091
YIQ	125.8810, -10.4510, -14.3470

Conversions

Conversions Part 2

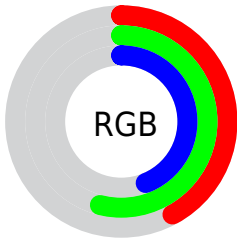
Format	Color
R_{YB}	107, 133, 138
Decimal	7047793
CIE _{Lab}	54.55, -16.25, 9.86
CIE _{LCh}	55, 19.007, 148.769
Yxy	22.4950, 0.3041, 0.3772
Android (android.graphics.Color)	4285237873 (0xFF6B8A71)
YUV	125.8810, -6.3503, -16.5586
Hunter-Lab	47.4289, -14.7583, 9.4373

Details

The Hex color **6B8A71** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8A6B84**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **9FC0A5**, and **3B5841** is the 20% darker color. If you saturate the color by 10%, you get **5D8A66**, and if you desaturate by 10%, it is **798A7C**.

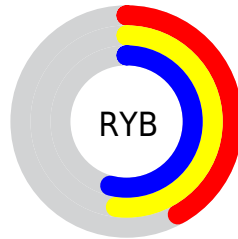
Distribution



Red (42%)

Green (54%)

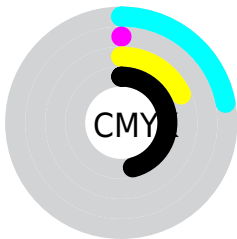
Blue (44%)



Red (42%)

Yellow (52%)

Blue (54%)

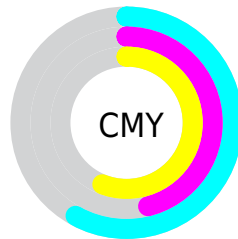


Cyan (22%)

Magenta (0%)

Yellow (18%)

Black (46%)



Cyan (58%)

Magenta (46%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B8A71 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 6B8A71 by changing the saturation by 10% instead.



6B8A71



6B8A71

FFFFFF



527059



9FC0A5



3B5841



BADBC0



24402B



D6F8DC



0E2A16



F2FFF8



001700



000000



6B8A71



6B8A71



5D8A66



798A7C



4F8A5B



878A87

 428A50

 948A92

 348A44

 A28A9E

 268A39

 B08AA9

 188A2E

 BE8AB4

 0A8A23

 CC8ABF

 008A1B

 D98ACA

 E78AD5

Harmonies

Analogous

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



7E8665



6B8A71



5B8C81

Triad

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



6B8A71



6E84A3



A47873

Complementary

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



6B8A71



8A6B84

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.



A27784



6B8A71



847F9F

Square

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



6B8A71



5B899E



977994



9D7C67

Rectangle

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



6B8A71



548C8C



977994



A47779

Sweetspot

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



6B8A71



A6B3A8



848A6B



525953



D9D9D9



595959

Same Dimension

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



6B8A71



82B38C



6B8A80



3E453F



00851A



000501

Inverse Universe

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



8A6B84



B382A9



8A6B75



453E44



85006B



050004

Previews

White Background



This preview shows how the Hex color 6B8A71 looks on a white background.

Color Contrast Check

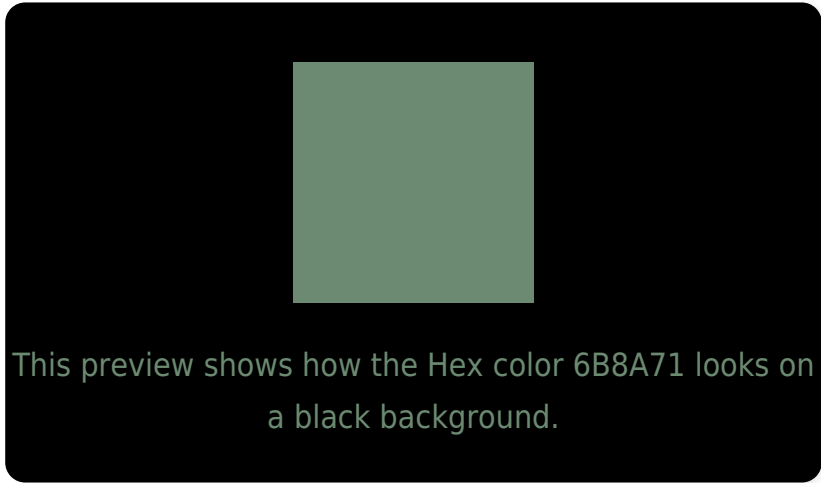
Large Text (above 18pt) WCAG AA ✓ Pass

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

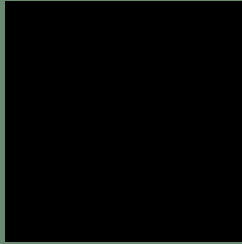
Any Text WCAG AA ✓ Pass

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 6B8A71 Background



This preview shows how black text looks on a background with the Hex color 6B8A71.

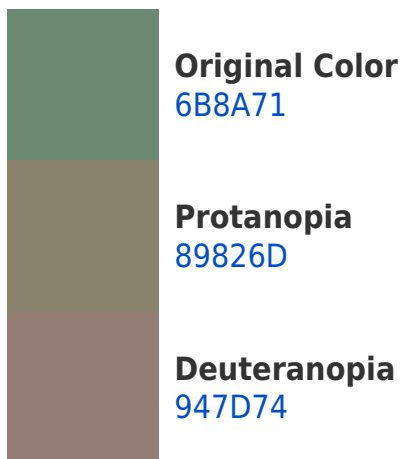


This preview shows how white text looks on a background with the Hex color 6B8A71.

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



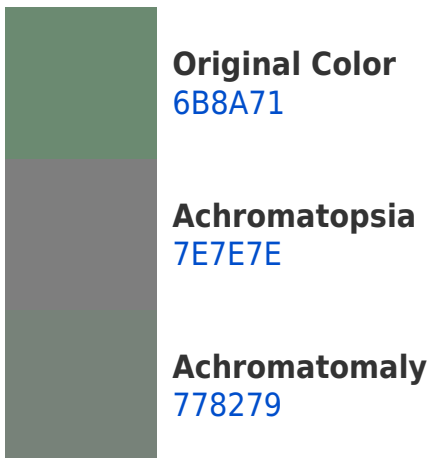


Tritanopia
718690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B8A71 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 #6B8A71 looks like.

```
.text, #text, p{  
    color:#6B8A71  
}
```

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 #6B8A71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B8A71
}
```

Border

The CSS property to change the border of an element to Hex 6B8A71 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
#6B8A71 }
```

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

```
.border{ border-color:#6B8A71 }
```

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

Here you see how a box with a 4 pixel #6B8A71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B8A71; -webkit-box-shadow:4px 4px  
4px 4px #6B8A71; box-shadow:4px 4px 4px  
4px #6B8A71 }
```

Background

The CSS property to change the background color of an element to Hex 6B8A71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B8A71 }
```

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

```
.background{ background-color:#6B8A71 }
```

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