

Converting Colors

Hex(6B8F68)

Have a look what the booklet for
Hex(6B8F68) contains.

Hex(6B8F68)	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(6B8F68)

Conversions

Conversions Part 1

Format	Color
Hex	6B8F68
RGB	107, 143, 104
RGB Percent	42%, 56%, 41%
CMY	0.5804, 0.4392, 0.5922
CMYK	0.25, 0.00, 0.27, 0.44
HSL	115°, 16%, 48%
HSV	115°, 27%, 56%
XYZ	18.3846, 23.7702, 16.7158
YIQ	127.7900, -8.9370, -19.7610

Conversions

Conversions Part 2

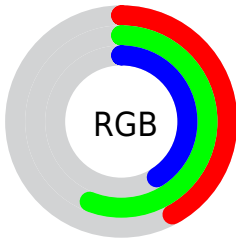
Format	Color
RYB	104, 143, 140
Decimal	7049064
CIELab	55.86, -20.57, 16.80
CIELCh	56, 26.556, 140.755
Yxy	23.7702, 0.3123, 0.4038
Android (android.graphics.Color)	4285239144 (0xFF6B8F68)
YUV	127.7900, -11.7285, -18.2328
Hunter-Lab	48.7547, -18.0114, 13.8003

Details

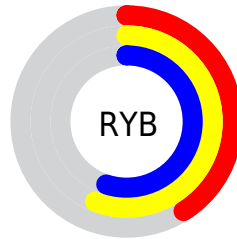
The Hex color **6B8F68** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8C688F**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **9FC59B**, and **3A5C39** is the 20% darker color. If you saturate the color by 10%, you get **5E8F5A**, and if you desaturate by 10%, it is **788F76**.

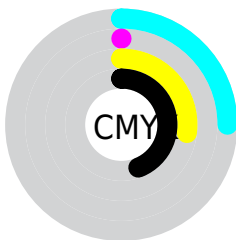
Distribution



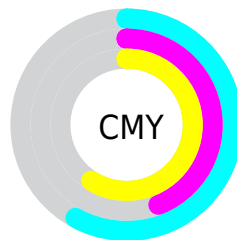
- Red (42%)
- Green (56%)
- Blue (41%)



- Red (41%)
- Yellow (56%)
- Blue (55%)



- Cyan (25%)
- Magenta (0%)
- Yellow (27%)
- Black (44%)



- Cyan (58%)
- Magenta (44%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B8F68 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 6B8F68 by changing the saturation by 10% instead.



6B8F68



6B8F68

FFFFFF



527550



9FC59B



3A5C39



BAE1B6



234523



D6FED2



0C2E0E



F3FFEE



001B00



000000



6B8F68



6B8F68



5E8F5A



788F76



518F4B



858F85

 438F3D

 938F93

 368F2F

 A08FA1

 298F20

 AD8FB0

 1C8F12

 BA8FBE

 0F8F04

 C78FCC

 0B8F00

 D58FDA

 E28FE9

Harmonies

Analogous

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



85895A



6B8F68



50927E

Triad

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



6B8F68



5C8AB3



B47577

Complementary

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



6B8F68



8C688F

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.



AE758E



6B8F68



7F82B1

Square

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



6B8F68



3F90A9



9C7AA3



AD7A63

Rectangle

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



6B8F68



40938E



9C7AA3



B4757E

Sweetspot

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



6B8F68



ACBAAB



8F8C68



565E55



DEDEDE



5E5E5E

Same Dimension

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



6B8F68



81BA7D



688F78



414740



0A8700



010800

Inverse Universe

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



8C688F



B57DBA



8F687F



474047



7D0087



070008

Previews

White Background



This preview shows how the Hex color 6B8F68 looks on a white background.

Color Contrast Check

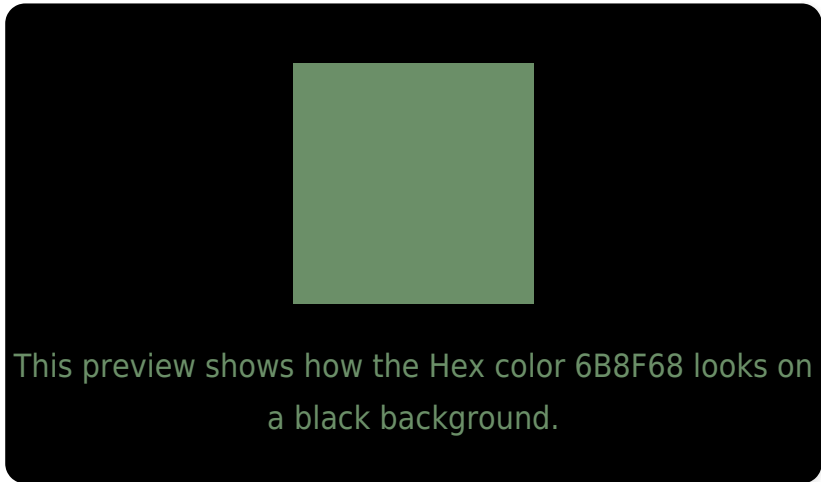
Large Text (above 18pt) WCAG AA ✓ Pass

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

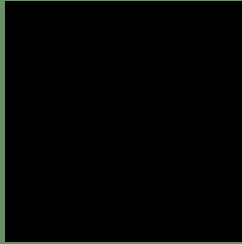
Any Text WCAG AA ✓ Pass

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 6B8F68 Background



This preview shows how black text looks on a background with the Hex color 6B8F68.



This preview shows how white text looks on a background with the Hex color 6B8F68.

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](#).

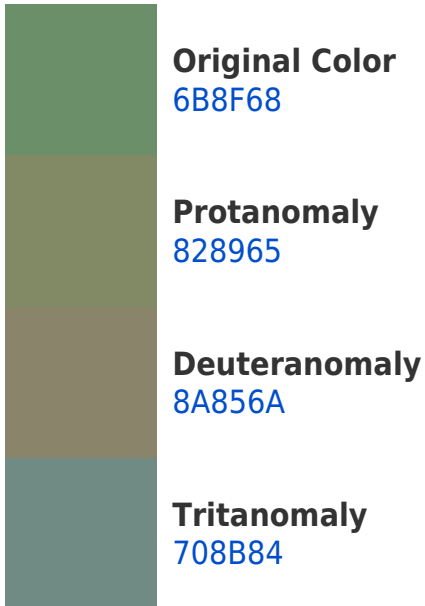
Dichromacy



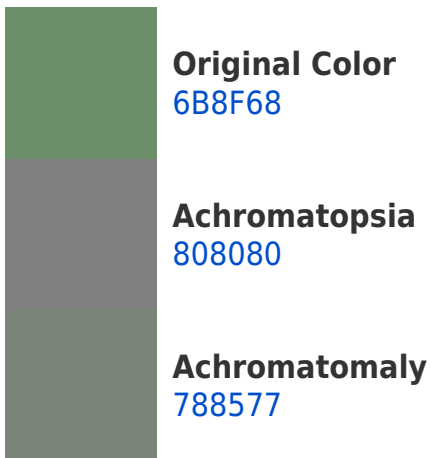


Tritanopia
738994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B8F68 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 #6B8F68 looks like.

```
.text, #text, p{  
    color:#6B8F68  
}
```

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 #6B8F68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B8F68
}
```

Border

The CSS property to change the border of an element to Hex 6B8F68 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
#6B8F68 }
```

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

```
.border{ border-color:#6B8F68 }
```

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

Here you see how a box with a 4 pixel #6B8F68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B8F68; -webkit-box-shadow:4px 4px  
4px 4px #6B8F68; box-shadow:4px 4px 4px  
4px #6B8F68 }
```

Background

The CSS property to change the background color of an element to Hex 6B8F68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B8F68 }
```

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

```
.background{ background-color:#6B8F68 }
```

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