

Converting Colors

Hex(B5C68F)

Have a look what the booklet for
Hex(B5C68F) contains.

Hex(B5C68F)	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(B5C68F)

Conversions

Conversions Part 1

Format	Color
Hex	B5C68F
RGB	181, 198, 143
RGB Percent	71%, 78%, 56%
CMY	0.2902, 0.2235, 0.4392
CMYK	0.09, 0.00, 0.28, 0.22
HSL	79°, 33%, 67%
HSV	79°, 28%, 78%
XYZ	44.2081, 52.1951, 33.7312
YIQ	186.6470, 7.5230, -20.7090

Conversions

Conversions Part 2

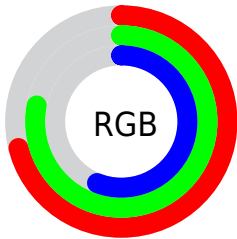
Format	Color
RYB	143, 198, 160
Decimal	11912847
CIELab	77.40, -15.18, 25.70
CIElCh	77, 29.848, 120.561
Yxy	52.1951, 0.3397, 0.4011
Android (android.graphics.Color)	4290102927 (0xFFB5C68F)
YUV	186.6470, -21.5180, -4.9524
Hunter-Lab	72.2462, -17.2051, 22.8902

Details

The Hex color **B5C68F** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A08FC6**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **EDFFC5**, and **80905C** is the 20% darker color. If you saturate the color by 10%, you get **AFC67B**, and if you desaturate by 10%, it is **BBC6A3**.

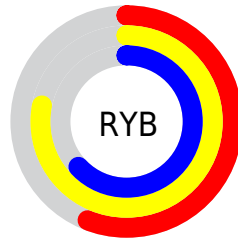
Distribution



Red (71%)

Green (78%)

Blue (56%)



Red (56%)

Yellow (78%)

Blue (63%)

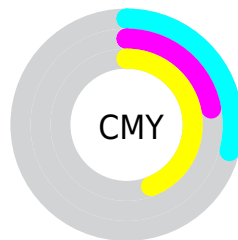


Cyan (9%)

Magenta (0%)

Yellow (28%)

Black (22%)



Cyan (29%)

Magenta (22%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5C68F 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 B5C68F by changing the saturation by 10% instead.

 B5C68F

FFFFFF

 EDFFC5

 FFFFE1

FFFFFFE

 B5C68F

 9AAB75

 80905C

 667744

 4D5E2D

 364617

 203000

 021C00

 000000

 B5C68F

 B5C68F

 AFC67B

 BBC6A3

 A9C667

 C1C6B7

 A3C654

 C7C6CA

 9DC640

 CDC6DE

 96C62C

 D4C6F2

 90C618

 DAC6FF

 8AC604

 E0C6FF

 89C600

 E6C6FF

 ECC6FF

Harmonies

Analogous

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



D3BE88



B5C68F



95CCA3

Triad

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



B5C68F



79C9EF



F4ABC0

Complementary

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



B5C68F



A08FC6

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.



E3AFDB



B5C68F



9DC2F6

Square

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



B5C68F



6ACEDA



C4B8EF



F6ADA4

Rectangle

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



B5C68F



81CEB5



C4B8EF



F0ACC9

Sweetspot

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



B5C68F



F9FFEB



C6A08F



7C8073



000000



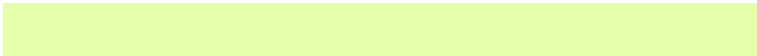
808080

Same Dimension

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



B5C68F



E5FFAB



9AC68F



60635A



71A300



192400

Inverse Universe

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



A08FC6



C5ABFF



BB8FC6



5D5A63



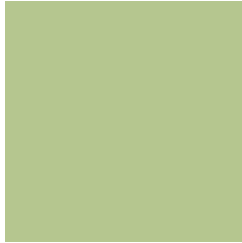
3200A3



0B0024

Previews

White Background



This preview shows how the Hex color B5C68F looks on a white background.

Color Contrast Check

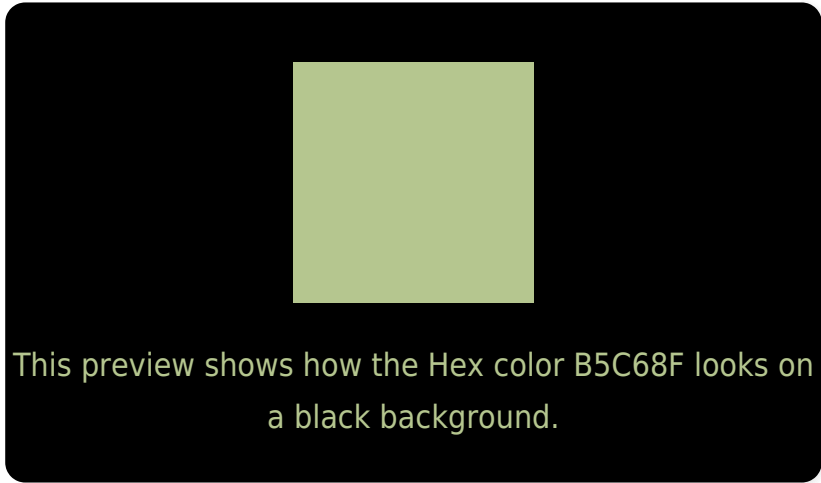
Large Text (above 18pt) WCAG AA × Fail

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

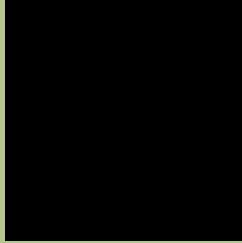
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

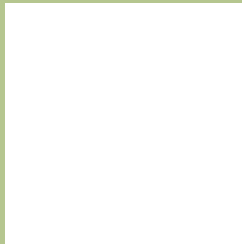
Any Text WCAG AAA ✓ Pass

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

Hex B5C68F Background



This preview shows how black text looks on a background with the Hex color B5C68F.

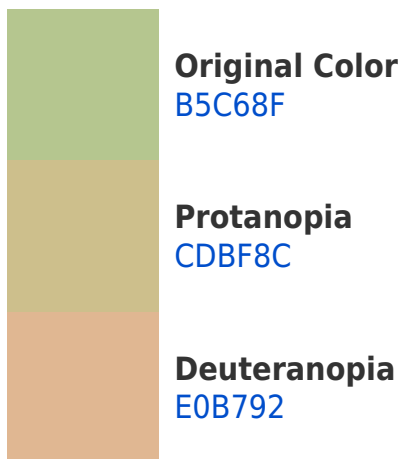


This preview shows how white text looks on a background with the Hex color B5C68F.

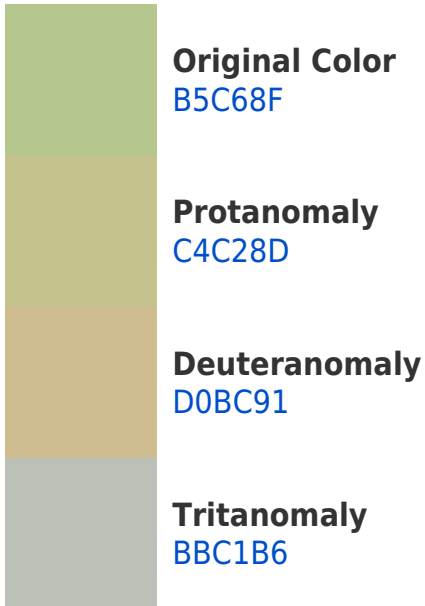
Color Blindness Simulation

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](#).

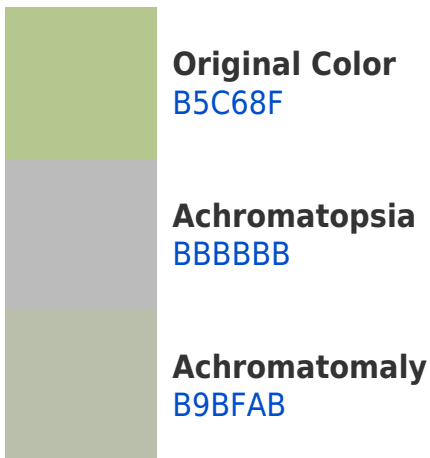
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5C68F 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 #B5C68F looks like.

```
.text, #text, p{  
    color:#B5C68F  
}
```

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 #B5C68F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5C68F
}
```

Border

The CSS property to change the border of an element to Hex B5C68F 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
#B5C68F }
```

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

```
.border{ border-color:#B5C68F }
```

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

Here you see how a box with a 4 pixel #B5C68F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5C68F; -webkit-box-shadow:4px 4px  
4px 4px #B5C68F; box-shadow:4px 4px 4px  
4px #B5C68F }
```

Background

The CSS property to change the background color of an element to Hex B5C68F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5C68F }
```

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

```
.background{ background-color:#B5C68F }
```

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