

Converting Colors

Hex(B68E83)

Have a look what the booklet for
Hex(B68E83) contains.

Hex(B68E83)	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(B68E83)

Conversions

Conversions Part 1

Format	Color
Hex	B68E83
RGB	182, 142, 131
RGB Percent	71%, 56%, 51%
CMY	0.2863, 0.4431, 0.4863
CMYK	0.00, 0.22, 0.28, 0.29
HSL	13°, 26%, 61%
HSV	13°, 28%, 71%
XYZ	33.0611, 30.9298, 25.7003
YIQ	152.7060, 27.3710, 5.0590

Conversions

Conversions Part 2

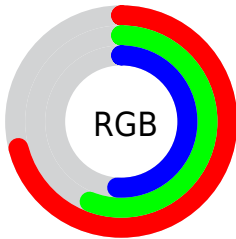
Format	Color
RYB	182, 145, 131
Decimal	11964035
CIELab	62.45, 13.50, 11.65
CIElCh	62, 17.834, 40.806
Yxy	30.9298, 0.3686, 0.3448
Android (android.graphics.Color)	4290154115 (0xFFB68E83)
YUV	152.7060, -10.7011, 25.6908
Hunter-Lab	55.6145, 8.7873, 11.5314

Details

The Hex color **B68E83** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **83ABB6**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **EFC4B8**, and **805C52** is the 20% darker color. If you saturate the color by 10%, you get **B68071**, and if you desaturate by 10%, it is **B69C95**.

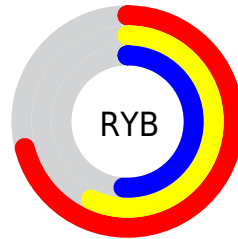
Distribution



Red (71%)

Green (56%)

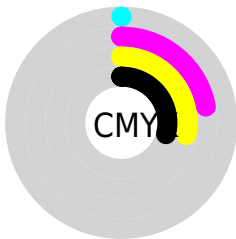
Blue (51%)



Red (71%)

Yellow (57%)

Blue (51%)

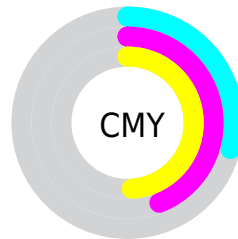


Cyan (0%)

Magenta (22%)

Yellow (28%)

Black (29%)



Cyan (29%)

Magenta (44%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color B68E83 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 B68E83 by changing the saturation by 10% instead.

 B68E83

 B68E83

FFFFFF

 9B746A

 EFC4B8

 805C52

 FFE0D4

 66443B

 FFFCF0

 4D2E25

 351810

 210000

 000000

 B68E83

 B68E83

 B68071

 B69C95

 B6715F

 B6ABA7

 B6634C

 B6B9BA

 B6553A

 B6C7CC

 B64728

 B6D5DE

 B63816

 B6E4F0

 B62A04

 B6F2FF

 B62700

 B6FFFF

Harmonies

Analogous

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



B88C92



B68E83



AC937A

Triad

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



B68E83



7A9F8C



8C96B6

Complementary

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



B68E83



83ABB6

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.



799BB4



B68E83



6EA09C

Square

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



B68E83



8B9C7F



6D9FAB



A191AF

Rectangle

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



B68E83



A39678



6D9FAB



8598B6

Sweetspot

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



B68E83



EDDEDA



B683AC



786E6C



F7F7F7



787878

Same Dimension

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



B68E83



EDAE9D



B6A783



5C5553



9C2200



1C0600

Inverse Universe

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



83ABB6



9DDCED



8392B6



535A5C



007A9C



00161C

Previews

White Background



This preview shows how the Hex color B68E83 looks on a white background.

Color Contrast Check

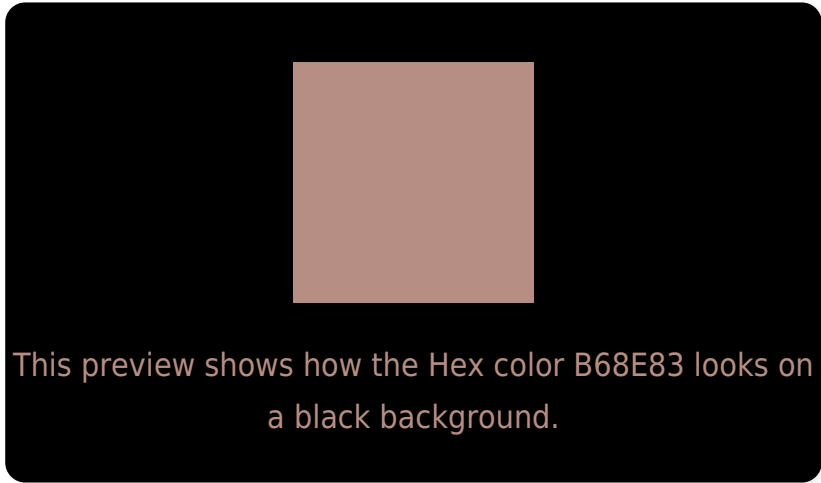
Large Text (above 18pt) WCAG AA × Fail

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 B68E83 Background



This preview shows how black text looks on a background with the Hex color B68E83.



This preview shows how white text looks on a background with the Hex color B68E83.

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
B68E83

Protanopia
9E9787

Deuteranopia
AD9282



Tritanopia
B88B96

Trichromacy



Original Color
B68E83

Protanomaly
A79486

Deuteranomaly
B09182

Tritanomaly
B78C8F

Monochromacy



Original Color
B68E83

Achromatopsia
999999

Achromatomaly
A49591

CSS Examples

Text

The CSS property to change the color of the text to Hex B68E83 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 #B68E83 looks like.

```
.text, #text, p{  
    color:#B68E83  
}
```

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 #B68E83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B68E83
}
```

Border

The CSS property to change the border of an element to Hex B68E83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

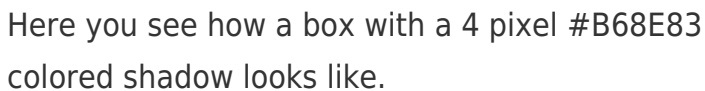
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B68E83 }
```

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

```
.border{ border-color:#B68E83 }
```

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



Here you see how a box with a 4 pixel #B68E83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B68E83; -webkit-box-shadow:4px 4px  
4px 4px #B68E83; box-shadow:4px 4px 4px  
4px #B68E83 }
```

Background

The CSS property to change the background color of an element to Hex B68E83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B68E83 }
```

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

```
.background{ background-color:#B68E83 }
```

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