

Converting Colors

Hex(B3C7A8)

Have a look what the booklet for
Hex(B3C7A8) contains.

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Color

Hex(B3C7A8)

Conversions

Conversions Part 1

Format	Color
Hex	B3C7A8
RGB	179, 199, 168
RGB Percent	70%, 78%, 66%
CMY	0.2980, 0.2196, 0.3412
CMYK	0.10, 0.00, 0.16, 0.22
HSL	99°, 22%, 72%
HSV	99°, 16%, 78%
XYZ	46.0817, 53.2577, 44.8968
YIQ	189.4860, -1.9690, -13.8810

Conversions

Conversions Part 2

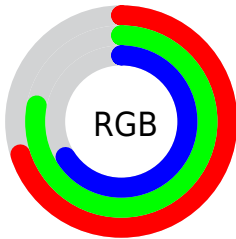
Format	Color
RYB	168, 199, 188
Decimal	11782056
CIELab	78.03, -12.49, 13.25
CIELCh	78, 18.214, 133.306
Yxy	53.2577, 0.3195, 0.3692
Android (android.graphics.Color)	4289972136 (0xFFB3C7A8)
YUV	189.4860, -10.5926, -9.1962
Hunter-Lab	72.9779, -14.9979, 14.6087

Details

The Hex color **B3C7A8** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **BCA8C7**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **EBFFDF**, and **7E9174** is the 20% darker color. If you saturate the color by 10%, you get **A6C794**, and if you desaturate by 10%, it is **C0C7BC**.

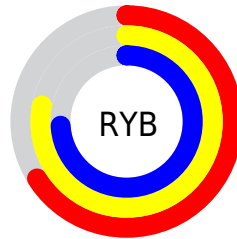
Distribution



Red (70%)

Green (78%)

Blue (66%)



Red (66%)

Yellow (78%)

Blue (74%)

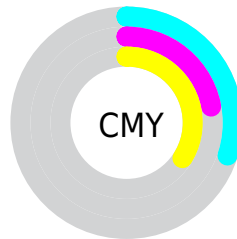


Cyan (10%)

Magenta (0%)

Yellow (16%)

Black (22%)



Cyan (30%)

Magenta (22%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3C7A8 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 B3C7A8 by changing the saturation by 10% instead.

 B3C7A8

 B3C7A8

FFFFFF

 98AC8E

 EBFFDF

 7E9174

FFFFFFC

 65775B

 4D5F44

 36472D

 203018

 0C1C00

 000000

 B3C7A8

 B3C7A8

 A6C794

 C0C7BC

 99C780

 CDC7D0

 8CC76C

 DAC7E4

 80C758

 E6C7F8

 73C745

 F3C7FF

 66C731

 FFC7FF

 59C71D

 4CC709

 47C700

Harmonies

Analogous

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



C6C2A0



B3C7A8



A1CAB7

Triad

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



B3C7A8



A3C5E1



E4B5BA

Complementary

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



B3C7A8



BCA8C7

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.



DDB6CB



B3C7A8



B8C0E2

Square

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



B3C7A8



96C9D7



CDBADA



E2B8AA

Rectangle

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



B3C7A8



98CBC2



CDBADA



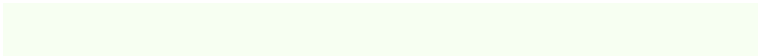
E3B5C0

Sweetspot

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



B3C7A8



F7FFF2



C7BCA8



7B8078



000000



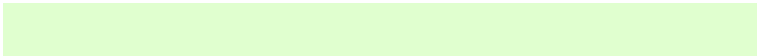
808080

Same Dimension

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



B3C7A8



E0FFCF



A8C7AC



5D635A



3AA300



0D2400

Inverse Universe

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



BCA8C7



EECFFF



C7A8C3



605A63



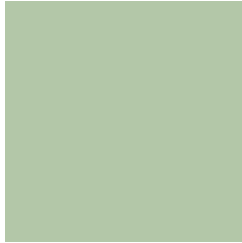
6900A3



170024

Previews

White Background



This preview shows how the Hex color B3C7A8 looks on a white background.

Color Contrast Check

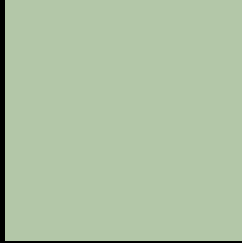
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color B3C7A8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

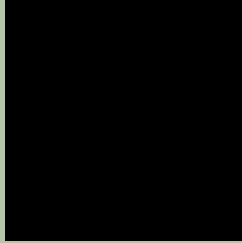
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

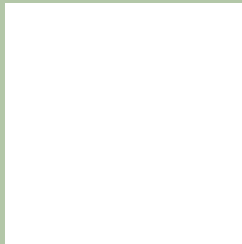
Any Text WCAG AAA ✓ Pass

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

Hex B3C7A8 Background



This preview shows how black text looks on a background with the Hex color B3C7A8.

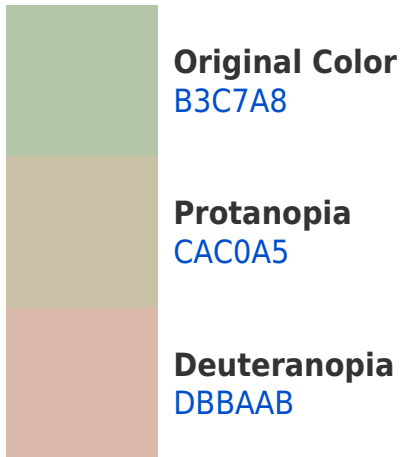


This preview shows how white text looks on a background with the Hex color B3C7A8.

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](#).

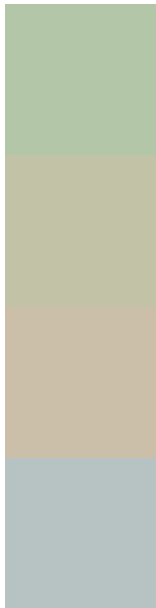
Dichromacy





Tritanopia
B9C1D1

Trichromacy



Original Color
B3C7A8

Protanomaly
C2C3A6

Deuteranomaly
CCBFAA

Tritanomaly
B7C3C2

Monochromacy



Original Color
B3C7A8

Achromatopsia
BDBDBD

Achromatomaly
B9C1B5

CSS Examples

Text

The CSS property to change the color of the text to Hex B3C7A8 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 #B3C7A8 looks like.

```
.text, #text, p{  
    color:#B3C7A8  
}
```

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 #B3C7A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3C7A8  
}
```

Border

The CSS property to change the border of an element to Hex B3C7A8 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  
#B3C7A8 }
```

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

```
.border{ border-color:#B3C7A8 }
```

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

Here you see how a box with a 4 pixel #B3C7A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3C7A8; -webkit-box-shadow:4px 4px  
4px 4px #B3C7A8; box-shadow:4px 4px 4px  
4px #B3C7A8 }
```

Background

The CSS property to change the background color of an element to Hex B3C7A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3C7A8 }
```

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

```
.background{ background-color:#B3C7A8 }
```

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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