

Converting Colors

Hex(B2B498)

Have a look what the booklet for
Hex(B2B498) contains.

Hex(B2B498)	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(B2B498)

Conversions

Conversions Part 1

Format	Color
Hex	B2B498
RGB	178, 180, 152
RGB Percent	70%, 71%, 60%
CMY	0.3020, 0.2941, 0.4039
CMYK	0.01, 0.00, 0.16, 0.29
HSL	64°, 16%, 65%
HSV	64°, 16%, 71%
XYZ	40.3489, 44.3745, 36.1443
YIQ	176.2100, 7.7960, -9.1320

Conversions

Conversions Part 2

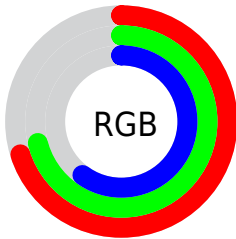
Format	Color
RYB	152, 180, 154
Decimal	11711640
CIELab	72.48, -5.59, 14.07
CIELCh	72, 15.138, 111.673
Yxy	44.3745, 0.3338, 0.3671
Android (android.graphics.Color)	4289901720 (0xFFB2B498)
YUV	176.2100, -11.9355, 1.5698
Hunter-Lab	66.6142, -8.4556, 14.4597

Details

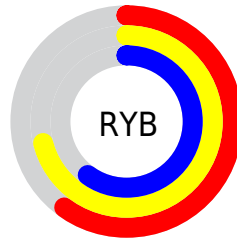
The Hex color **B2B498** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9A98B4**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **EAECCE**, and **7D7F65** is the 20% darker color. If you saturate the color by 10%, you get **B1B486**, and if you desaturate by 10%, it is **B3B4AA**.

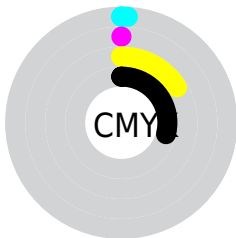
Distribution



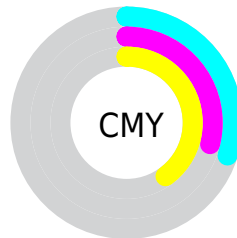
- Red (70%)
- Green (71%)
- Blue (60%)



- Red (60%)
- Yellow (71%)
- Blue (60%)



- Cyan (1%)
- Magenta (0%)
- Yellow (16%)
- Black (29%)



- Cyan (30%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2B498 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 B2B498 by changing the saturation by 10% instead.

 B2B498

FFFFFF

 EAECCE

 FFFFEB

 B2B498

 97997E

 7D7F65

 64664D

 4C4E36

 353821

 20220A

 000D00

 000000

 B2B498

 B2B498

 B1B486

 B3B4AA

 AFB474

 B5B4BC

 AEB462

 B6B4CE

 ADB450

 B7B4E0

 ACB43E

 B8B4F2

 AAB42C

 BAB4FF

 A9B41A

 BBB4FF

 A8B408

 BCB4FF

 A7B400

 BEB4FF

Harmonies

Analogous

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



C1AF97



B2B498



A2B8A0

Triad

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



B2B498



91B8C7



CCA9B6

Complementary

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



B2B498



9A98B4

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.



C0ABC3



B2B498



9EB4CD

Square

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



B2B498



8EBABB



B0B0CB



CFA9A8

Rectangle

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



B2B498



99B9A9



B0B0CB



C9A9BB

Sweetspot

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



B2B498



EAEBDF



B49A98



75756E



F5F5F5



757575

Same Dimension

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



B2B498



E7EBBE



A4B498



595950



8E9900



181A00

Inverse Universe

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



9A98B4



C1BEEB



A898B4



515059



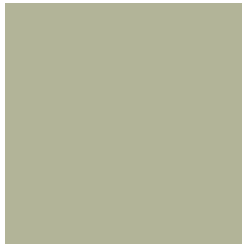
0B0099



02001A

Previews

White Background



This preview shows how the Hex color B2B498 looks on a white background.

Color Contrast Check

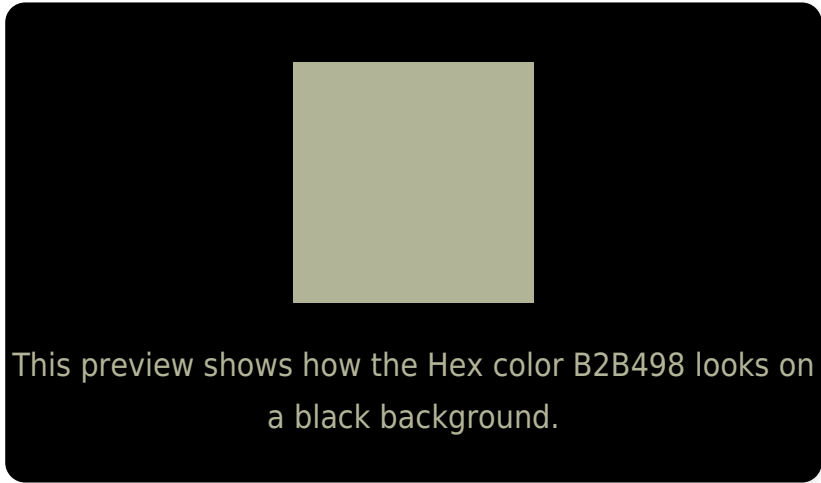
Large Text (above 18pt) WCAG AA × Fail

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

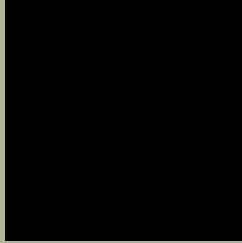
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

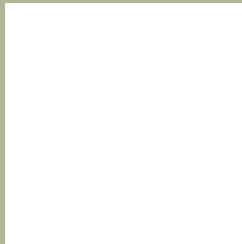
Any Text WCAG AAA ✓ Pass

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

Hex B2B498 Background



This preview shows how black text looks on a background with the Hex color B2B498.



This preview shows how white text looks on a background with the Hex color B2B498.

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](#).

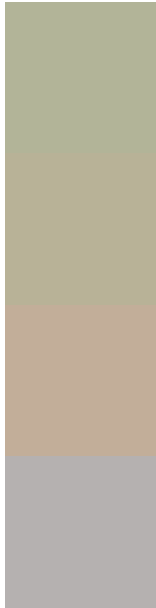
Dichromacy





Tritanopia
B7AFBD

Trichromacy



Original Color
B2B498

Protanomaly
B8B297

Deuteranomaly
C2AE99

Tritanomaly
B5B1B0

Monochromacy



Original Color
B2B498

Achromatopsia
B0B0B0

Achromatomaly
B1B1A7

CSS Examples

Text

The CSS property to change the color of the text to Hex B2B498 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 #B2B498 looks like.

```
.text, #text, p{  
    color:#B2B498  
}
```

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 #B2B498 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2B498  
}
```

Border

The CSS property to change the border of an element to Hex B2B498 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  
#B2B498 }
```

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

```
.border{ border-color:#B2B498 }
```

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

Here you see how a box with a 4 pixel #B2B498 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2B498; -webkit-box-shadow:4px 4px  
4px 4px #B2B498; box-shadow:4px 4px 4px  
4px #B2B498 }
```

Background

The CSS property to change the background color of an element to Hex B2B498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2B498 }
```

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

```
.background{ background-color:#B2B498 }
```

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