

# Converting Colors

Hex(B2C697)

Have a look what the booklet for  
Hex(B2C697) contains.

<b>Hex(B2C697)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(B2C697)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2C697
RGB	178, 198, 151
RGB Percent	70%, 78%, 59%
CMY	0.3020, 0.2235, 0.4078
CMYK	0.10, 0.00, 0.24, 0.22
HSL	86°, 29%, 68%
HSV	86°, 24%, 78%
XYZ	44.1401, 52.0875, 37.0056
YIQ	186.6620, 3.1670, -18.8570

# Conversions

## Conversions Part 2

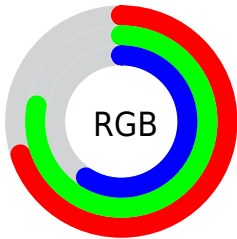
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 198, 171
Decimal	11716247
CIELab	77.33, -15.10, 21.35
CIElCh	77, 26.147, 125.271
Yxy	52.0875, 0.3313, 0.3909
Android (android.graphics.Color)	4289906327 (0xFFB2C697)
YUV	186.6620, -17.5814, -7.5966
Hunter-Lab	72.1717, -17.1301, 20.1196

# Details

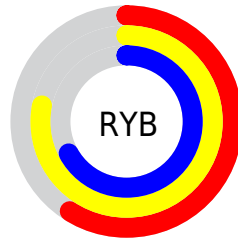
The Hex color **B2C697** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **AB97C6**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **EAFFCD**, and **7D9064** is the 20% darker color. If you saturate the color by 10%, you get **AAC683**, and if you desaturate by 10%, it is **BAC6AB**.

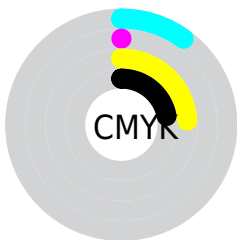
# Distribution



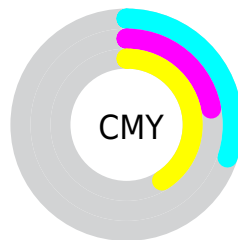
- Red (70%)
- Green (78%)
- Blue (59%)



- Red (59%)
- Yellow (78%)
- Blue (67%)



- Cyan (10%)
- Magenta (0%)
- Yellow (24%)
- Black (22%)



- Cyan (30%)
- Magenta (22%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2C697 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 B2C697 by changing the saturation by 10% instead.





B2C697



B2C697

FFFFFF



97AB7D



EAFFCD



7D9064



FFFEEA



64764C



4B5E35



34461F



1E3008



021C00



000000



B2C697



B2C697

 AAC683

 BAC6AB

 A1C66F

 C3C6BF

 99C65C

 CBC6D2

 90C648

 D4C6E6

 88C634

 DCC6FA

 7FC620

 E5C6FF

 77C60C

 EDC6FF

 72C600

 F5C6FF

 FEC6FF

# Harmonies

## Analogous

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



CDBF8F



B2C697



96CBAA

# Triad

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



B2C697



89C7EA



EFAEBC

# Complementary

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



B2C697



AB97C6

# 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.



E2B0D4



B2C697



A8C0EF

# Square

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



B2C697



79CCDA



C8B7E7



EFB0A4

# Rectangle

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



B2C697



86CDBA



C8B7E7



ECAEC4



# Sweetspot

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



B2C697



F7FFED



C6AB97



7B8075



000000



808080

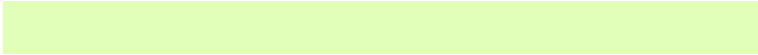


# Same Dimension

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



B2C697



E1FFB8



9BC697



5F635A



5EA300



152400



# Inverse Universe

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



AB97C6



D6B8FF



C297C6



5E5A63



4500A3

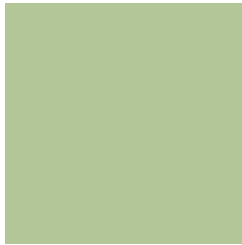


0F0024



# Previews

## White Background



This preview shows how the Hex color B2C697 looks on a white background.

## Color Contrast Check

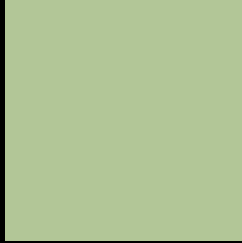
Large Text (above 18pt) WCAG AA × Fail

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 B2C697 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

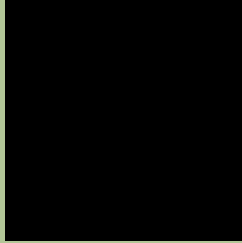
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

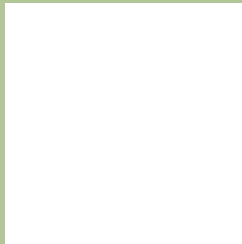
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B2C697 Background



This preview shows how black text looks on a background with the Hex color B2C697.

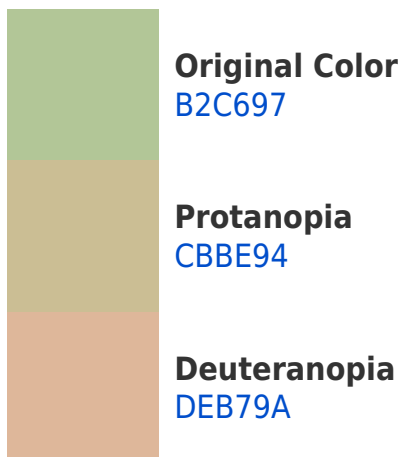


This preview shows how white text looks on a background with the Hex color B2C697.

# 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

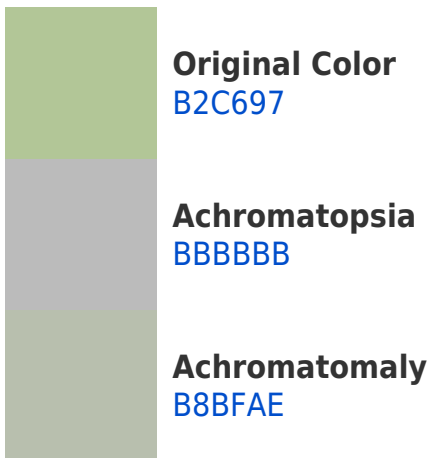




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2C697 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 #B2C697 looks like.

```
.text, #text, p{  
    color:#B2C697  
}
```

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 #B2C697 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2C697
}
```

## Border

The CSS property to change the border of an element to Hex B2C697 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
#B2C697 }
```

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

```
.border{ border-color:#B2C697 }
```

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

Here you see how a box with a 4 pixel #B2C697 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2C697; -webkit-box-shadow:4px 4px  
4px 4px #B2C697; box-shadow:4px 4px 4px  
4px #B2C697 }
```

# Background

The CSS property to change the background color of an element to Hex B2C697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2C697 }
```

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

```
.background{ background-color:#B2C697 }
```

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