

# Converting Colors

Hex(B2CA8C)

Have a look what the booklet for  
Hex(B2CA8C) contains.

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# **Color**

**Hex(B2CA8C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B2CA8C
RGB	178, 202, 140
RGB Percent	70%, 79%, 55%
CMY	0.3020, 0.2078, 0.4510
CMYK	0.12, 0.00, 0.31, 0.21
HSL	83°, 37%, 67%
HSV	83°, 31%, 79%
XYZ	44.2143, 53.5995, 32.8263
YIQ	187.7560, 5.5980, -24.3700

# Conversions

## Conversions Part 2

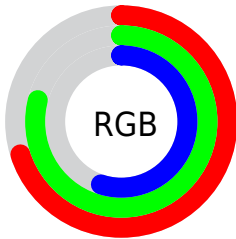
Format	Color
<a href="#">RYB</a>	<a href="#">140, 202, 164</a>
Decimal	<a href="#">11717260</a>
CIELab	<a href="#">78.23, -18.74, 28.35</a>
CIElCh	<a href="#">78, 33.986, 123.457</a>
Yxy	<a href="#">53.5995, 0.3384, 0.4103</a>
Android (android.graphics.Color)	<a href="#">4289907340 (0xFFB2CA8C)</a>
YUV	<a href="#">187.7560, -23.5437, -8.5560</a>
Hunter-Lab	<a href="#">73.2117, -20.3201, 24.6640</a>

# Details

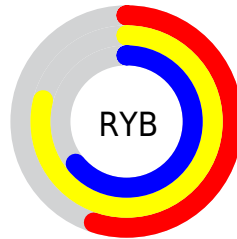
The Hex color **B2CA8C** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A48CCA**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **EAFFC2**, and **7D9459** is the 20% darker color. If you saturate the color by 10%, you get **AACA78**, and if you desaturate by 10%, it is **BACAA0**.

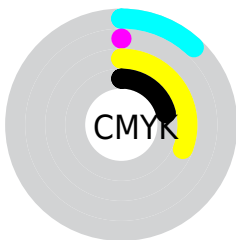
# Distribution



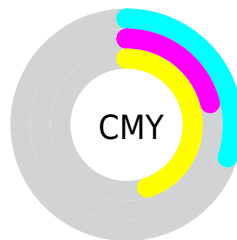
- Red (70%)
- Green (79%)
- Blue (55%)



- Red (55%)
- Yellow (79%)
- Blue (64%)



- Cyan (12%)
- Magenta (0%)
- Yellow (31%)
- Black (21%)



- Cyan (30%)
- Magenta (21%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2CA8C 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 B2CA8C by changing the saturation by 10% instead.



 B2CA8C

 B2CA8C

FFFFFF

 97AF72

 EAFFC2

 7D9459

 FFFFDE

 637A41

 FFFFFB

 4A612A

 334913

 1D3300

 001E00

 000000

 B2CA8C

 B2CA8C

 AACAA78

 BACAA0

 A2CA64

 C2CAB4

 9BCA4F

 C9CAC9

 93CA3B

 D1CADD

 8BCA27

 D9CAF1

 83CA13

 E1CAFF

 7CCA00

 E9CAFF

 F1CAFF

 F8CAFF

# Harmonies

## Analogous

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



D4C182



B2CA8C



8DD0A4

# Triad

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



B2CA8C



70CCF9



FFAABF

# Complementary

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



B2CA8C



A48CCA

# 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.



EDAEDF



B2CA8C



9DC3FF

# Square

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



B2CA8C



5AD2E3



CBB8F6



FFADA0

# Rectangle

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



B2CA8C



75D2B9



CBB8F6



FBAACA



# Sweetspot

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



B2CA8C



F6FFE8



CAA48C



7A8071



000000



808080

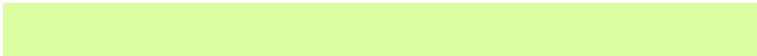


# Same Dimension

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



B2CA8C



DAFFA1



93CA8C



62665C



66A600



172600



# Inverse Universe

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



A48CCA



C5A1FF



C38CCA



605C66



4000A6



0F0026



# Previews

## White Background



This preview shows how the Hex color B2CA8C 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 B2CA8C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

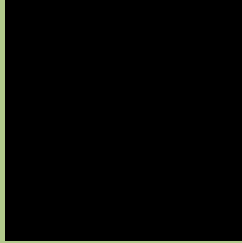
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B2CA8C Background



This preview shows how black text looks on a background with the Hex color B2CA8C.

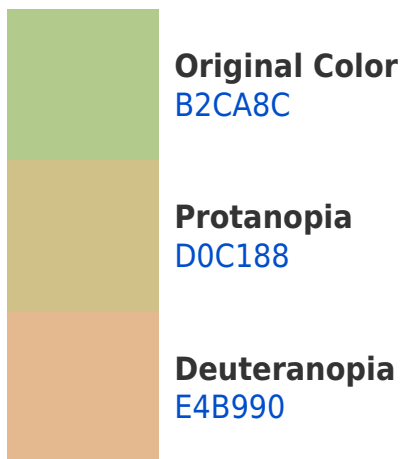


This preview shows how white text looks on a background with the Hex color B2CA8C.

# 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](#).

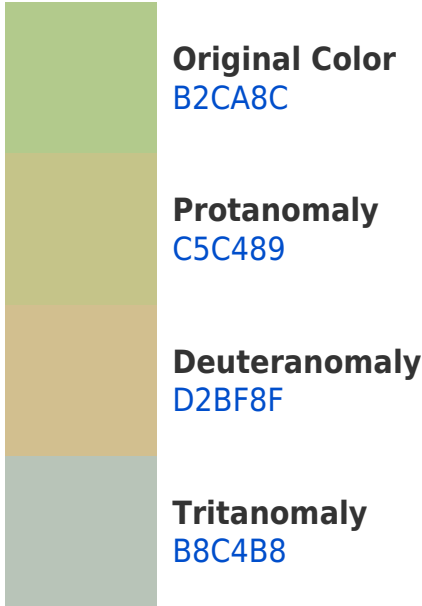
## Dichromacy



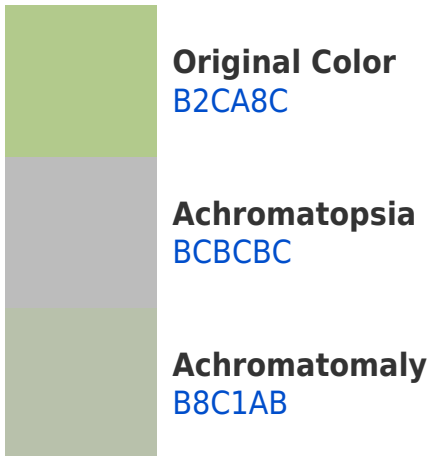


**Tritanopia**  
BCC1D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2CA8C 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 #B2CA8C looks like.

```
.text, #text, p{  
    color:#B2CA8C  
}
```

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 #B2CA8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2CA8C
}
```

## Border

The CSS property to change the border of an element to Hex B2CA8C 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
#B2CA8C }
```

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

```
.border{ border-color:#B2CA8C }
```

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

Here you see how a box with a 4 pixel #B2CA8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2CA8C; -webkit-box-shadow:4px 4px  
4px 4px #B2CA8C; box-shadow:4px 4px 4px  
4px #B2CA8C }
```

# Background

The CSS property to change the background color of an element to Hex B2CA8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2CA8C }
```

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

```
.background{ background-color:#B2CA8C }
```

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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