

# Converting Colors

Hex(B2CA8D)

Have a look what the booklet for  
Hex(B2CA8D) contains.

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# **Color**

**Hex(B2CA8D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2CA8D
RGB	178, 202, 141
RGB Percent	70%, 79%, 55%
CMY	0.3020, 0.2078, 0.4471
CMYK	0.12, 0.00, 0.30, 0.21
HSL	84°, 37%, 67%
HSV	84°, 30%, 79%
XYZ	44.2883, 53.6291, 33.2165
YIQ	187.8700, 5.2770, -24.0590

# Conversions

## Conversions Part 2

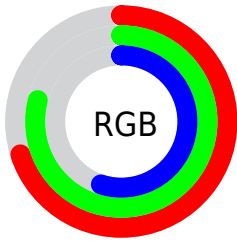
Format	Color
<a href="#">RYB</a>	<a href="#">141, 202, 165</a>
Decimal	<a href="#">11717261</a>
CIELab	<a href="#">78.24, -18.60, 27.86</a>
CIElCh	<a href="#">78, 33.492, 123.726</a>
Yxy	<a href="#">53.6291, 0.3377, 0.4090</a>
Android (android.graphics.Color)	<a href="#">4289907341 (0xFFB2CA8D)</a>
YUV	<a href="#">187.8700, -23.1069, -8.6560</a>
Hunter-Lab	<a href="#">73.2319, -20.2047, 24.3696</a>

# Details

The Hex color **B2CA8D** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A58DCA**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **EAFFC3**, and **7D945A** is the 20% darker color. If you saturate the color by 10%, you get **AACA79**, and if you desaturate by 10%, it is **BACAA1**.

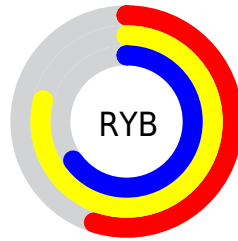
# Distribution



Red (70%)

Green (79%)

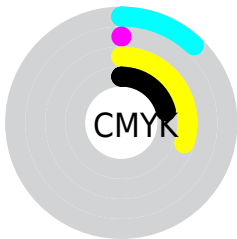
Blue (55%)



Red (55%)

Yellow (79%)

Blue (65%)

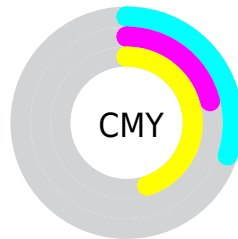


Cyan (12%)

Magenta (0%)

Yellow (30%)

Black (21%)



Cyan (30%)

Magenta (21%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2CA8D 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 B2CA8D by changing the saturation by 10% instead.



 B2CA8D

 B2CA8D

FFFFFF

 97AF73

 EAFFC3

 7D945A

 FFFFDf

 637A42

 FFFFfC

 4A612B

 334914

 1D3300

 001E00

 000000

 B2CA8D

 B2CA8D

 AACAA79

 BACAA1

 A2CA65

 C2CAB5

 9ACA50

 CACACA

 92CA3C

 D2CADE

 8ACA28

 DACAF2

 82CA14

 E2CAFF

 7BCA00

 EACAFF

 F2CAFF

 FACAFF

# Harmonies

## Analogous

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



D4C183



B2CA8D



8ED0A5

# Triad

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



B2CA8D



72CCF8



FEAABF

# Complementary

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



B2CA8D



A58DCA

# 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



B2CA8D



9EC3FF

# Square

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



B2CA8D



5CD1E3



CBB8F5



FEADA0

# Rectangle

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



B2CA8D



76D2BA



CBB8F5



FAABC9



# Sweetspot

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



B2CA8D



F6FFE8



CAA48D



7A8071



000000



808080

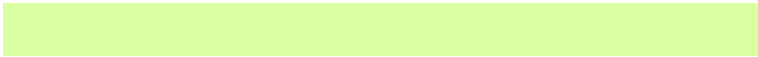


# Same Dimension

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



B2CA8D



DBFFA3



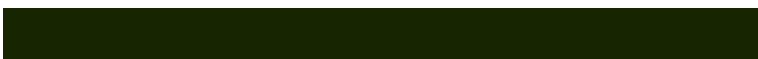
94CA8D



62665C



65A600



172600



# Inverse Universe

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



A58DCA



C7A3FF



C38DCA



605C66



4100A6



0F0026



# Previews

## White Background



This preview shows how the Hex color B2CA8D looks on a white background.

## Color Contrast Check

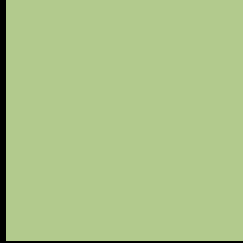
Large Text (above 18pt) WCAG AA × Fail

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 B2CA8D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

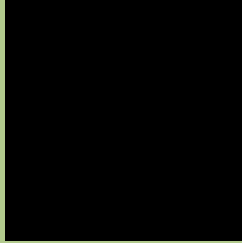
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B2CA8D Background



This preview shows how black text looks on a background with the Hex color B2CA8D.

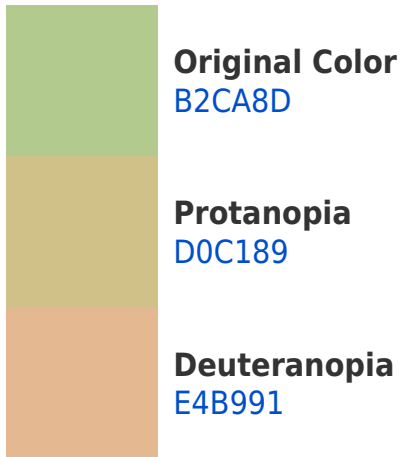


This preview shows how white text looks on a background with the Hex color B2CA8D.

# 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](#).

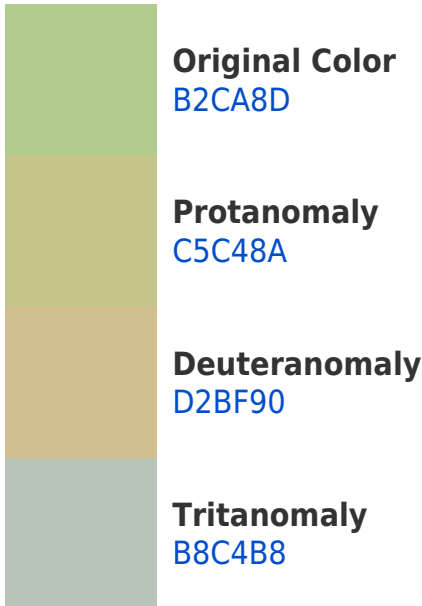
## Dichromacy



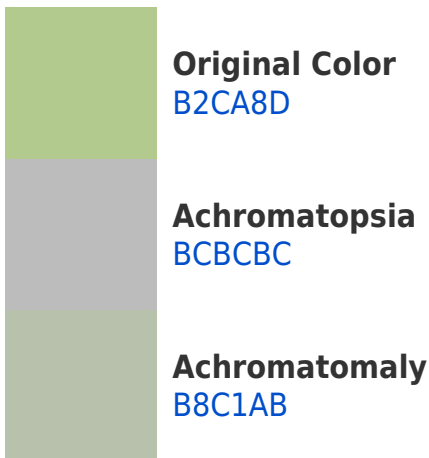


**Tritanopia**  
BCC1D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2CA8D 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 #B2CA8D looks like.

```
.text, #text, p{  
    color:#B2CA8D  
}
```

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 #B2CA8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2CA8D
}
```

## Border

The CSS property to change the border of an element to Hex B2CA8D 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
#B2CA8D }
```

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

```
.border{ border-color:#B2CA8D }
```

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

Here you see how a box with a 4 pixel #B2CA8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2CA8D; -webkit-box-shadow:4px 4px  
4px 4px #B2CA8D; box-shadow:4px 4px 4px  
4px #B2CA8D }
```

# Background

The CSS property to change the background color of an element to Hex B2CA8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2CA8D }
```

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

```
.background{ background-color:#B2CA8D }
```

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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