

# Converting Colors

Hex(B2DC8A)

Have a look what the booklet for  
Hex(B2DC8A) contains.

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# **Color**

**Hex(B2DC8A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B2DC8A
RGB	178, 220, 138
RGB Percent	70%, 86%, 54%
CMY	0.3020, 0.1373, 0.4588
CMYK	0.19, 0.00, 0.37, 0.14
HSL	91°, 54%, 70%
HSV	91°, 37%, 86%
XYZ	48.5407, 62.4864, 33.5475
YIQ	198.0940, 1.2900, -34.4060

# Conversions

## Conversions Part 2

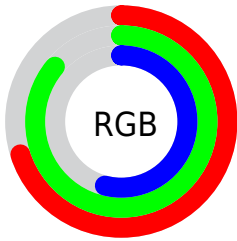
Format	Color
<a href="#">RYB</a>	<a href="#">138, 220, 180</a>
Decimal	<a href="#">11721866</a>
CIELab	<a href="#">83.17, -27.80, 35.90</a>
CIElCh	<a href="#">83, 45.409, 127.752</a>
Yxy	<a href="#">62.4864, 0.3357, 0.4322</a>
Android (android.graphics.Color)	<a href="#">4289911946</a> ( <a href="#">0xFFB2DC8A</a> )
YUV	<a href="#">198.0940, -29.6263, -17.6224</a>
Hunter-Lab	<a href="#">79.0483, -28.7241, 30.1716</a>

# Details

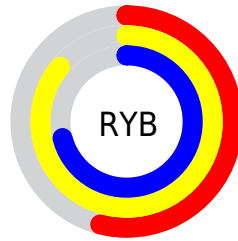
The Hex color **B2DC8A** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B48ADC**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **EBFFC0**, and **7CA557** is the 20% darker color. If you saturate the color by 10%, you get **A7DC74**, and if you desaturate by 10%, it is **BDDCA0**.

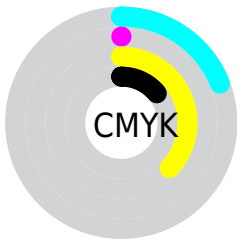
# Distribution



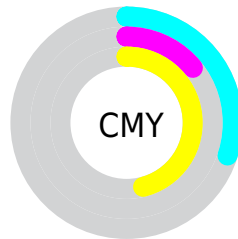
- Red (70%)
- Green (86%)
- Blue (54%)



- Red (54%)
- Yellow (86%)
- Blue (71%)



- Cyan (19%)
- Magenta (0%)
- Yellow (37%)
- Black (14%)



- Cyan (30%)
- Magenta (14%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2DC8A 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 B2DC8A by changing the saturation by 10% instead.



 B2DC8A

 B2DC8A

FFFFFF

 97C070

 EBFFC0

 7CA557

 FFFFDC

 628A3E

 FFFFF9

 487126

 2F580D

 174000

 002A00

 001300

 000000

 B2DC8A

 B2DC8A

 A7DC74

 BDDCA0

 9BDC5E

 C9DCB6

 90DC48

 D4DCCC

 85DC32

 DFDCE2

 7ADC1C

 EADCF8

 6EDC06

 F6DCFF

 6BDC00

 FFDCFF

# Harmonies

## Analogous

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



E0D079



B2DC8A



7DE3AD

# Triad

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



B2DC8A



52DCFF



FFADC6

# Complementary

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



B2DC8A



B48ADC

# Split Complementary

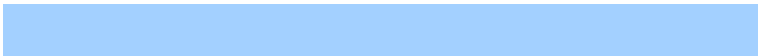
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB2F0



B2DC8A



A3D0FF

# Square

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



B2DC8A



00E4FF



E2C0FF



FFB49D

# Rectangle

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



B2DC8A



52E6CA



E2C0FF



FFAED4



# Sweetspot

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



B2DC8A



F1FFE3



DCB38A



77806F



000000



808080

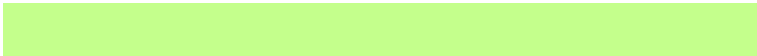


# Same Dimension

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



B2DC8A



C4FF8C



8ADC8A



686E63



55AD00



162E00



# Inverse Universe

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



B48ADC



C78CFF



DC8ADC



68636E



5900AD



18002E



# Previews

## White Background



This preview shows how the Hex color B2DC8A looks on a white background.

## Color Contrast Check

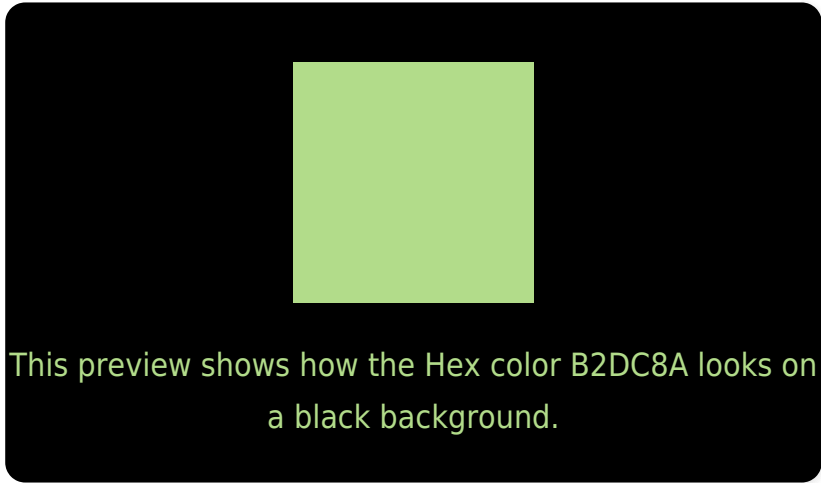
Large Text (above 18pt) WCAG AA × Fail

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

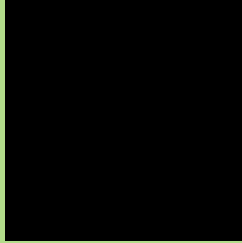
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B2DC8A Background



This preview shows how black text looks on a background with the Hex color B2DC8A.

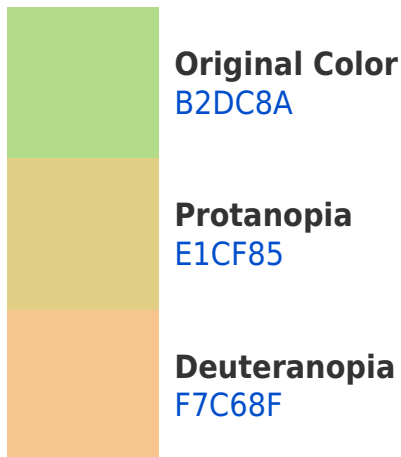


This preview shows how white text looks on a background with the Hex color B2DC8A.

# Color Blindness Simulation

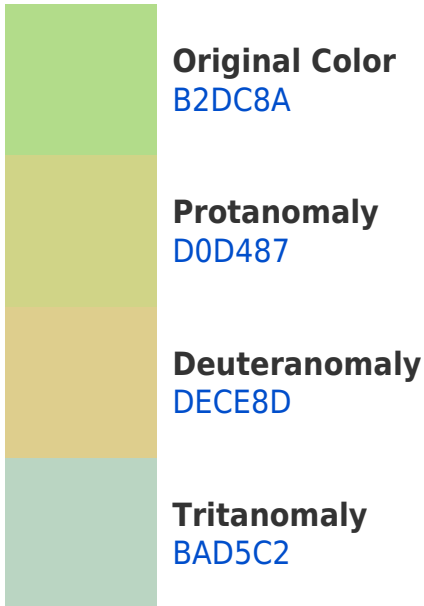
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2DC8A 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 #B2DC8A looks like.

```
.text, #text, p{  
    color:#B2DC8A  
}
```

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 #B2DC8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2DC8A
}
```

## Border

The CSS property to change the border of an element to Hex B2DC8A 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
#B2DC8A }
```

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

```
.border{ border-color:#B2DC8A }
```

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

Here you see how a box with a 4 pixel #B2DC8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2DC8A; -webkit-box-shadow:4px 4px  
4px 4px #B2DC8A; box-shadow:4px 4px 4px  
4px #B2DC8A }
```

# Background

The CSS property to change the background color of an element to Hex B2DC8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2DC8A }
```

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

```
.background{ background-color:#B2DC8A }
```

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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