

# Converting Colors

Hex(B2DCA3)

Have a look what the booklet for  
Hex(B2DCA3) contains.

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# **Color**

**Hex(B2DCA3)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | B2DCA3                      |
| RGB         | 178, 220, 163               |
| RGB Percent | 70%, 86%, 64%               |
| CMY         | 0.3020, 0.1373, 0.3608      |
| CMYK        | 0.19, 0.00, 0.26, 0.14      |
| HSL         | 104°, 45%, 75%              |
| HSV         | 104°, 26%, 86%              |
| XYZ         | 50.5642, 63.2957, 44.2026   |
| YIQ         | 200.9440, -6.7350, -26.6310 |

# Conversions

## Conversions Part 2

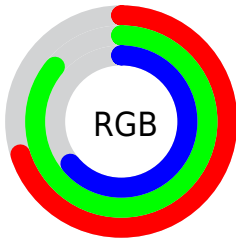
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 163, 220, 205                   |
| Decimal                             | 11721891                        |
| CIELab                              | 83.60, -24.16, 23.63            |
| CIELCh                              | 84, 33.795, 135.636             |
| Yxy                                 | 63.2957, 0.3199,<br>0.4004      |
| Android<br>(android.graphics.Color) | 4289911971<br>(0xFFB2DCA3)      |
| YUV                                 | 200.9440, -18.7064,<br>-20.1219 |
| Hunter-Lab                          | 79.5586, -25.7804,<br>22.7496   |

# Details

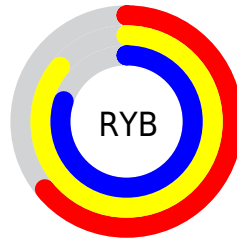
The Hex color **B2DCA3** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CDA3DC**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **EAFFDA**, and **7CA56F** is the 20% darker color. If you saturate the color by 10%, you get **A2DC8D**, and if you desaturate by 10%, it is **C2DCB9**.

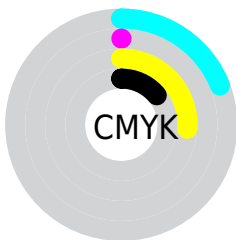
# Distribution



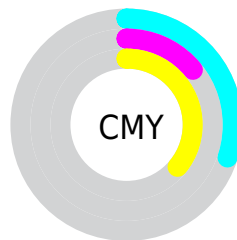
- Red (70%)
- Green (86%)
- Blue (64%)



- Red (64%)
- Yellow (86%)
- Blue (80%)



- Cyan (19%)
- Magenta (0%)
- Yellow (26%)
- Black (14%)



- Cyan (30%)
- Magenta (14%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2DCA3 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 B2DCA3 by changing the saturation by 10% instead.



 B2DCA3

FFFFFF

 EAFFDA

 FFFFF7

 B2DCA3

 97C089

 7CA56F

 638A56

 4A713F

 325828

 1A4012

 062A00

 001500

 000000

 B2DCA3

 B2DCA3

 A2DC8D

 C2DCB9

 92DC77

 D2DCCF

 81DC61

 E3DCE5

 71DC4B

 F3DCFB

 61DC35

 FFDCFF

 51DC1F

 41DC09

 3ADC00

# Harmonies

## Analogous

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



D6D493



B2DCA3



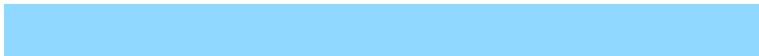
8DE1C0

# Triad

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



B2DCA3



91D8FF



FFB9C1

# Complementary

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



B2DCA3



CDA3DC

# 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.



FFBAE1



B2DCA3



C0CEFF

# Square

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



B2DCA3



70DFFD



E9C2FD



FFBFA4

# Rectangle

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



B2DCA3



78E2D5



E9C2FD



FFB9CB



# Sweetspot

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



B2DCA3



F0FFEB



DCCDA3



768073



000000



808080

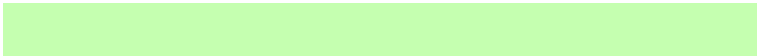


# Same Dimension

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



B2DCA3



C5FFB0



A3DCB0



666E63



2EAD00



0C2E00



# Inverse Universe

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



CDA3DC



EAB0FF



DCA3CF



6B636E



8000AD



22002E



# Previews

## White Background



This preview shows how the Hex color B2DCA3 looks on a white background.

## Color Contrast Check

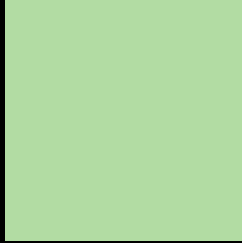
Large Text (above 18pt) WCAG AA × Fail

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 B2DCA3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

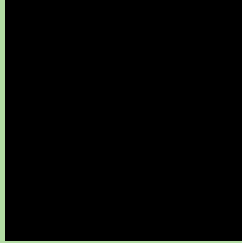
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B2DCA3 Background



This preview shows how black text looks on a background with the Hex color B2DCA3.

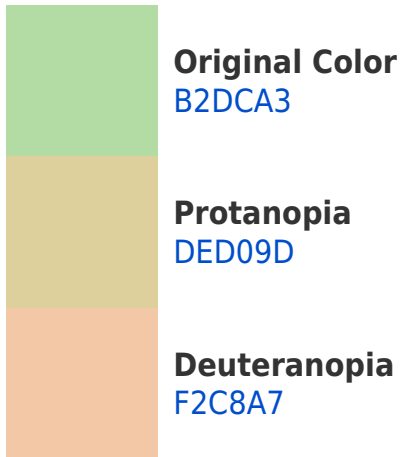


This preview shows how white text looks on a background with the Hex color B2DCA3.

# 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**  
BCD3E4

# Trichromacy



**Original Color**  
B2DCA3



**Protanomaly**  
CED49F



**Deuteranomaly**  
DBCFA6

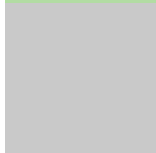


**Tritanomaly**  
B8D6CC

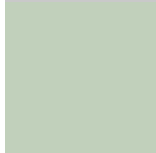
# Monochromacy



**Original Color**  
B2DCA3



**Achromatopsia**  
C9C9C9



**Achromatomaly**  
C1D0BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2DCA3 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 #B2DCA3 looks like.

```
.text, #text, p{  
    color:#B2DCA3  
}
```

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 #B2DCA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2DCA3
}
```

## Border

The CSS property to change the border of an element to Hex B2DCA3 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
#B2DCA3 }
```

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

```
.border{ border-color:#B2DCA3 }
```

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

Here you see how a box with a 4 pixel #B2DCA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2DCA3; -webkit-box-shadow:4px 4px  
4px 4px #B2DCA3; box-shadow:4px 4px 4px  
4px #B2DCA3 }
```

# Background

The CSS property to change the background color of an element to Hex B2DCA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2DCA3 }
```

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

```
.background{ background-color:#B2DCA3 }
```

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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