

Converting Colors

Hex(B2CE81)

Have a look what the booklet for
Hex(B2CE81) contains.

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Color

Hex(B2CE81)

Conversions

Conversions Part 1

Format	Color
Hex	B2CE81
RGB	178, 206, 129
RGB Percent	70%, 81%, 51%
CMY	0.3020, 0.1922, 0.4941
CMYK	0.14, 0.00, 0.37, 0.19
HSL	82°, 44%, 66%
HSV	82°, 37%, 81%
XYZ	44.3939, 55.1926, 29.0823
YIQ	188.8500, 8.0290, -29.8830

Conversions

Conversions Part 2

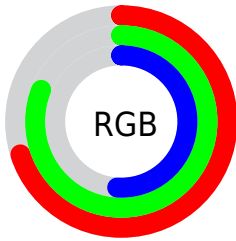
Format	Color
RYB	129, 206, 157
Decimal	11718273
CIELab	79.15, -22.20, 35.25
CIELCh	79, 41.661, 122.197
Yxy	55.1926, 0.3450, 0.4290
Android (android.graphics.Color)	4289908353 (0xFFB2CE81)
YUV	188.8500, -29.5060, -9.5154
Hunter-Lab	74.2917, -23.3458, 28.7945

Details

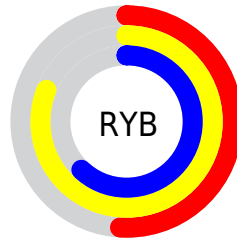
The Hex color **B2CE81** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9D81CE**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **EBFFB7**, and **7C984E** is the 20% darker color. If you saturate the color by 10%, you get **ABCE6C**, and if you desaturate by 10%, it is **B9CE96**.

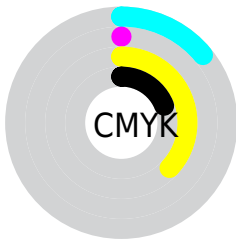
Distribution



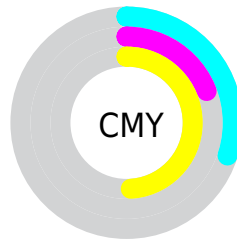
- Red (70%)
- Green (81%)
- Blue (51%)



- Red (51%)
- Yellow (81%)
- Blue (62%)



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



- Cyan (30%)
- Magenta (19%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2CE81 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 B2CE81 by changing the saturation by 10% instead.



B2CE81



B2CE81

FFFFFF



97B267



EBFFB7



7C984E



FFFFD3



627E36



FFFFEF



49651E



314D04



1A3600



002100



000000



B2CE81



B2CE81

 ABCE6C

 B9CE96

 A3CE58

 C1CEAA

 9CCE43

 C8CEBF

 94CE2F

 D0CED3

 8DCE1A

 D7CEE8

 85CE05

 DFCEFD

 83CE00

 E6CEFF

 EECEFF

 F5CEFF

Harmonies

Analogous

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



DBC376



B2CE81



83D69F

Triad

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



B2CE81



4BD2FF



FFA6C3

Complementary

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



B2CE81



9D81CE

Split Complementary

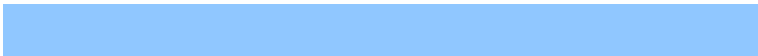
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F7ACE9



B2CE81



90C7FF

Square

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



B2CE81



1CD8EC



CCB9FF



FFAA9D

Rectangle

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



B2CE81



61D8B8



CCB9FF



FFA7D0

Sweetspot

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



B2CE81



F5FFE3



CE9C81



79806F



000000



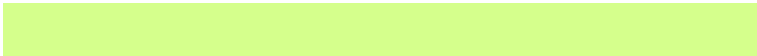
808080

Same Dimension

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



B2CE81



D5FF8C



8DCE81



62665C



69A600



182600

Inverse Universe

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



9D81CE



B68CFF



C281CE



605C66



3C00A6



0E0026

Previews

White Background



This preview shows how the Hex color B2CE81 looks on a white background.

Color Contrast Check

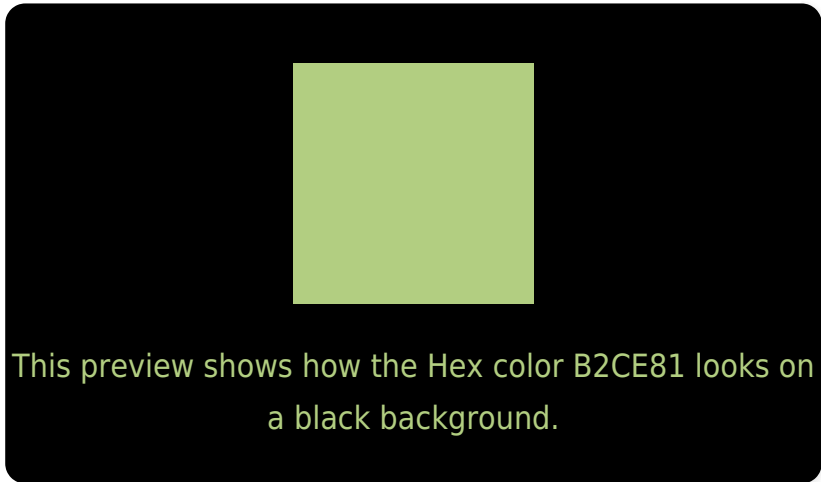
Large Text (above 18pt) WCAG AA × Fail

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

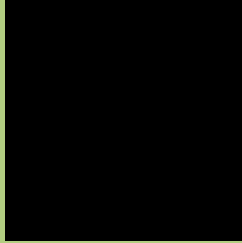
Any Text WCAG AA ✓ Pass

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 B2CE81 Background



This preview shows how black text looks on a background with the Hex color B2CE81.

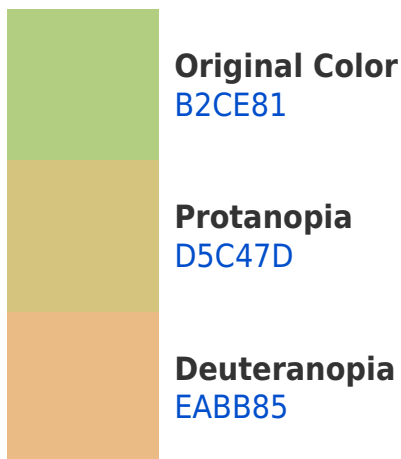


This preview shows how white text looks on a background with the Hex color B2CE81.

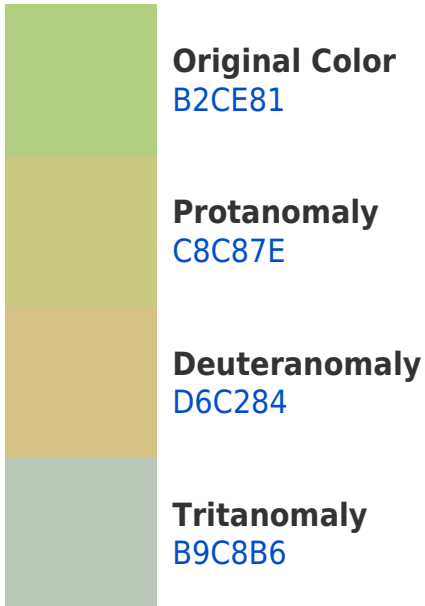
Color Blindness Simulation

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 B2CE81 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 #B2CE81 looks like.

```
.text, #text, p{  
    color:#B2CE81  
}
```

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 #B2CE81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2CE81
}
```

Border

The CSS property to change the border of an element to Hex B2CE81 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
#B2CE81 }
```

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

```
.border{ border-color:#B2CE81 }
```

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

Here you see how a box with a 4 pixel #B2CE81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2CE81; -webkit-box-shadow:4px 4px  
4px 4px #B2CE81; box-shadow:4px 4px 4px  
4px #B2CE81 }
```

Background

The CSS property to change the background color of an element to Hex B2CE81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2CE81 }
```

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

```
.background{ background-color:#B2CE81 }
```

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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