

Converting Colors

Hex(B3D881)

Have a look what the booklet for
Hex(B3D881) contains.

Hex(B3D881)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B3D881)

Conversions

Conversions Part 1

Format	Color
Hex	B3D881
RGB	179, 216, 129
RGB Percent	70%, 85%, 51%
CMY	0.2980, 0.1529, 0.4941
CMYK	0.17, 0.00, 0.40, 0.15
HSL	86°, 53%, 68%
HSV	86°, 40%, 85%
XYZ	47.1087, 60.2804, 29.9213
YIQ	195.0190, 5.8750, -34.9010

Conversions

Conversions Part 2

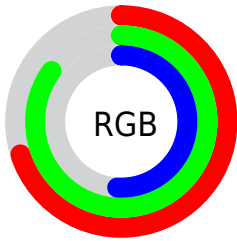
Format	Color
RYB	129, 216, 166
Decimal	11786369
CIELab	81.99, -26.68, 38.92
CIELCh	82, 47.188, 124.430
Yxy	60.2804, 0.3431, 0.4390
Android (android.graphics.Color)	4289976449 (0xFFB3D881)
YUV	195.0190, -32.5474, -14.0487
Hunter-Lab	77.6405, -27.5651, 31.4990

Details

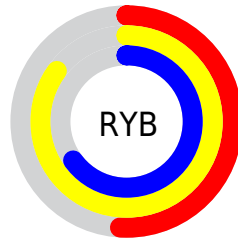
The Hex color **B3D881** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A681D8**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **ECFFB7**, and **7DA14E** is the 20% darker color. If you saturate the color by 10%, you get **AAD86B**, and if you desaturate by 10%, it is **BCD897**.

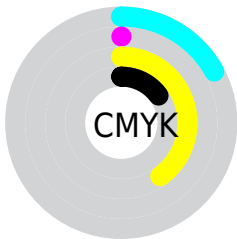
Distribution



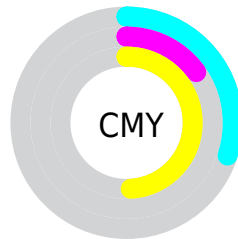
- Red (70%)
- Green (85%)
- Blue (51%)



- Red (51%)
- Yellow (85%)
- Blue (65%)



- Cyan (17%)
- Magenta (0%)
- Yellow (40%)
- Black (15%)



- Cyan (30%)
- Magenta (15%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3D881 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 B3D881 by changing the saturation by 10% instead.

 B3D881

 B3D881

FFFFFF

 98BC67

 ECFFB7

 7DA14E

 FFFFD3

 638735

 FFFFF0

 496D1D

 305500

 193D00

 002700

 000D00

 000000

 B3D881

 B3D881

 AAD86B

 BCD897

 A1D856

 C5D8AC

 97D840

 CFD8C2

 8ED82B

 D8D8D7

 85D815

 E1D8ED

 7CD800

 EAD8FF

 F3D8FF

 FCD8FF

 FFD8FF

Harmonies

Analogous

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



E2CB72



B3D881



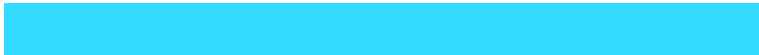
7CE0A4

Triad

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



B3D881



32DBFF



FFA9C7

Complementary

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



B3D881



A681D8

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.



FFAFF3



B3D881



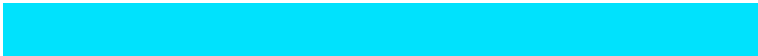
94CEFF

Square

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



B3D881



00E2FD



D9BEFF



FFAE9C

Rectangle

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



B3D881



4EE3C2



D9BEFF



FFA9D6

Sweetspot

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



B3D881



F2FFE0



D8A581



78806E



000000



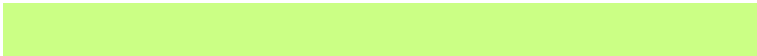
808080

Same Dimension

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



B3D881



CBFF85



88D881



676B60



62AB00



192B00

Inverse Universe

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



A681D8



B985FF



D181D8



65606B



4900AB



12002B

Previews

White Background



This preview shows how the Hex color B3D881 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 B3D881 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 B3D881 Background



This preview shows how black text looks on a background with the Hex color B3D881.

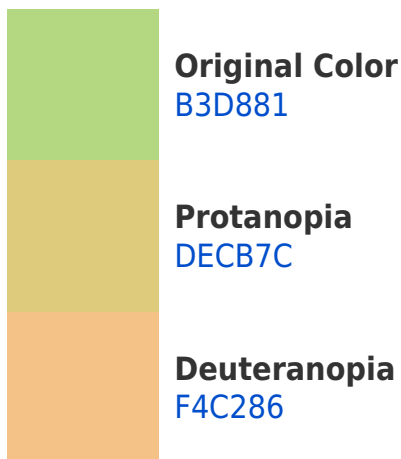


This preview shows how white text looks on a background with the Hex color B3D881.

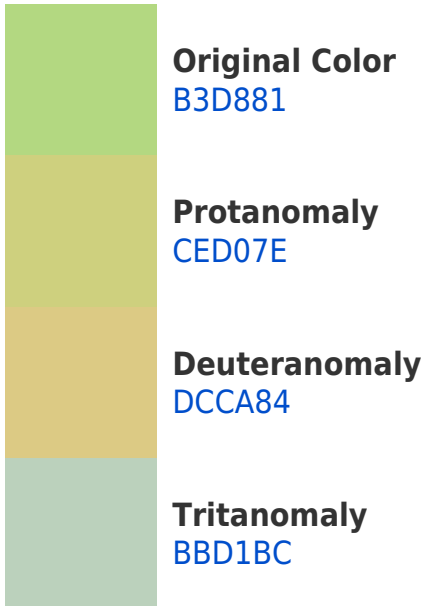
Color Blindness Simulation

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](#).

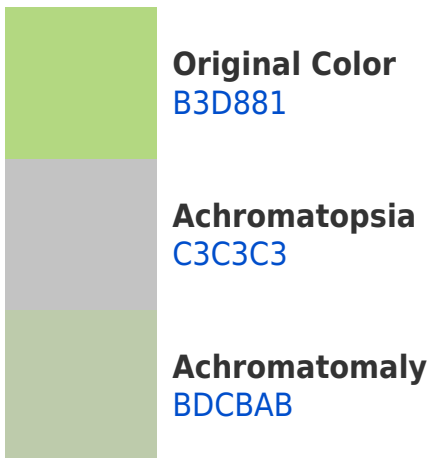
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B3D881 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 #B3D881 looks like.

```
.text, #text, p{  
    color:#B3D881  
}
```

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 #B3D881 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3D881
}
```

Border

The CSS property to change the border of an element to Hex B3D881 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
#B3D881 }
```

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

```
.border{ border-color:#B3D881 }
```

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

Here you see how a box with a 4 pixel #B3D881 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3D881; -webkit-box-shadow:4px 4px  
4px 4px #B3D881; box-shadow:4px 4px 4px  
4px #B3D881 }
```

Background

The CSS property to change the background color of an element to Hex B3D881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3D881 }
```

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

```
.background{ background-color:#B3D881 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor