

Converting Colors

Hex(BBDA81)

Have a look what the booklet for
Hex(BBDA81) contains.

Hex(BBDA81)	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(BBDA81)

Conversions

Conversions Part 1

Format	Color
Hex	BBDA81
RGB	187, 218, 129
RGB Percent	73%, 85%, 51%
CMY	0.2667, 0.1451, 0.4941
CMYK	0.14, 0.00, 0.41, 0.15
HSL	81°, 55%, 68%
HSV	81°, 41%, 85%
XYZ	49.5274, 62.2926, 30.1822
YIQ	198.5850, 10.0930, -34.2510

Conversions

Conversions Part 2

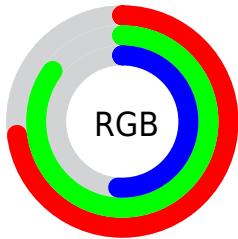
Format	Color
R _{YB}	129, 218, 160
Decimal	12311169
CIE Lab	83.07, -24.67, 40.40
CIE LCh	83, 47.339, 121.407
Yxy	62.2926, 0.3488, 0.4387
Android (android.graphics.Color)	4290501249 (0xFFBBDA81)
YUV	198.5850, -34.3054, -10.1600
Hunter-Lab	78.9256, -26.1077, 32.5747

Details

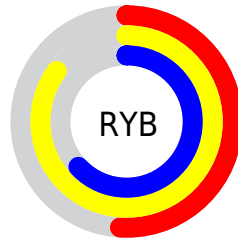
The Hex color **BBDA81** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A081DA**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **F4FFB7**, and **84A34E** is the 20% darker color. If you saturate the color by 10%, you get **B3DA6B**, and if you desaturate by 10%, it is **C3DA97**.

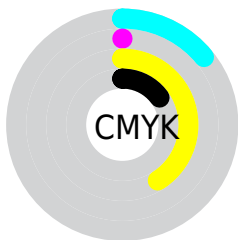
Distribution



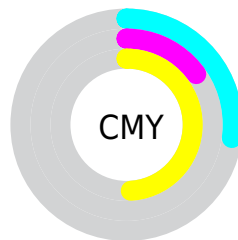
- Red (73%)
- Green (85%)
- Blue (51%)



- Red (51%)
- Yellow (85%)
- Blue (63%)



- Cyan (14%)
- Magenta (0%)
- Yellow (41%)
- Black (15%)



- Cyan (27%)
- Magenta (15%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color BBDA81 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 BBDA81 by changing the saturation by 10% instead.

 BBDA81

 BBDA81

FFFFFF

 9FBE67

 F4FFB7

 84A34E

 FFFFD3

 6A8935

 FFFFF0

 506F1C

 375700

 203F00

 032900

 001300

 000000

 BBDA81

 BBDA81

 B3DA6B

 C3DA97

 ACDA55

 CADAAD

 A4DA40

 D2DAC2

 9DDA2A

 D9DAD8

 95DA14

 E1DAEE

 8EDA00

 E9DAFF

 F0DAFF

 F8DAFF

 FFDAFF

Harmonies

Analogous

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



E9CD75



BBDA81



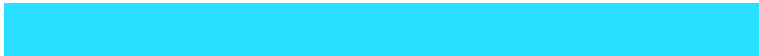
85E3A3

Triad

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



BBDA81



28DFFF



FFABCE

Complementary

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



BBDA81



A081DA

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.



FFB3FA



BBDA81



8ED3FF

Square

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



BBDA81



00E5FC



D6C3FF



FFB0A3

Rectangle

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



BBD81



59E6C0



D6C3FF



FFADDE

Sweetspot

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



BBDA81



F4FFE0



DA9F81



79806E



000000



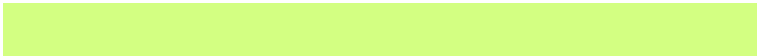
808080

Same Dimension

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



BBDA81



D3FF82



90DA81



6A6E63



71AD00



1E2E00

Inverse Universe

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



A081DA



AE82FF



CB81DA



67636E



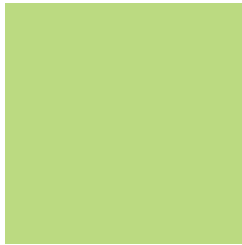
3C00AD



10002E

Previews

White Background



This preview shows how the Hex color BBDA81 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 BBDA81 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 BBDA81 Background



This preview shows how black text looks on a background with the Hex color BBDA81.

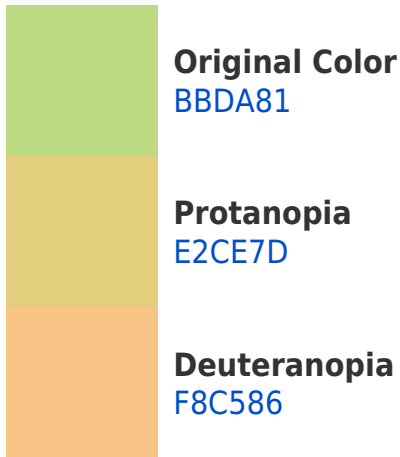


This preview shows how white text looks on a background with the Hex color BBDA81.

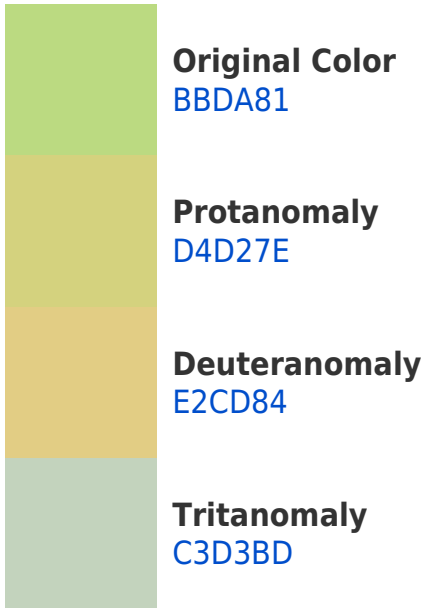
Color Blindness Simulation

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](#).

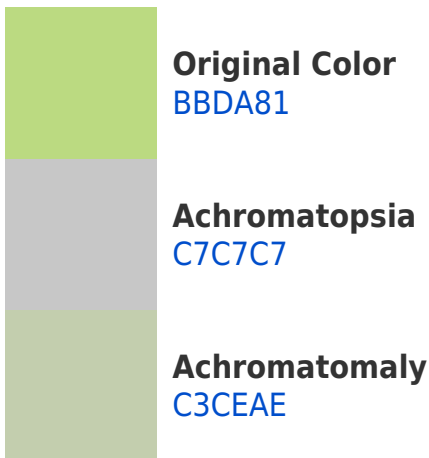
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BBDA81 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 #BBDA81 looks like.

```
.text, #text, p{  
    color:#BBDA81  
}
```

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 #BBDA81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBDA81
}
```

Border

The CSS property to change the border of an element to Hex BBDA81 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
#BBDA81 }
```

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

```
.border{ border-color:#BBDA81 }
```

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

Here you see how a box with a 4 pixel #BBDA81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBDA81; -webkit-box-shadow:4px 4px  
4px 4px #BBDA81; box-shadow:4px 4px 4px  
4px #BBDA81 }
```

Background

The CSS property to change the background color of an element to Hex BBDA81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBDA81 }
```

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

```
.background{ background-color:#BBDA81 }
```

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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