

Converting Colors

Hex(B4D861)

Have a look what the booklet for
Hex(B4D861) contains.

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Color

Hex(**B4D861**)

Conversions

Conversions Part 1

Format	Color
Hex	B4D861
RGB	180, 216, 97
RGB Percent	71%, 85%, 38%
CMY	0.2941, 0.1529, 0.6196
CMYK	0.17, 0.00, 0.55, 0.15
HSL	78°, 60%, 61%
HSV	78°, 55%, 85%
XYZ	45.5359, 59.6781, 20.4283
YIQ	191.6700, 16.7430, -44.6410

Conversions

Conversions Part 2

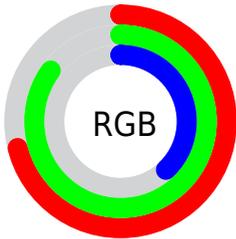
Format	Color
RYB	97, 216, 133
Decimal	11851873
CIELab	81.66, -29.72, 53.89
CIElCh	82, 61.542, 118.878
Yxy	59.6781, 0.3624, 0.4750
Android (android.graphics.Color)	4290041953 (0xFFB4D861)
YUV	191.6700, -46.6723, -10.2346
Hunter-Lab	77.2516, -29.9735, 38.3976

Details

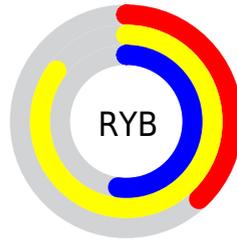
The Hex color **B4D861** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **8561D8**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **EEFF97**, and **7CA12B** is the 20% darker color. If you saturate the color by 10%, you get **ADD84B**, and if you desaturate by 10%, it is **BBD877**.

Distribution



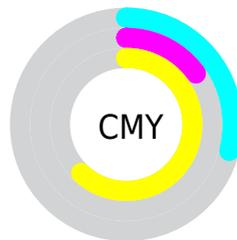
- Red (71%)
- Green (85%)
- Blue (38%)



- Red (38%)
- Yellow (85%)
- Blue (52%)



- Cyan (17%)
- Magenta (0%)
- Yellow (55%)
- Black (15%)



- Cyan (29%)
- Magenta (15%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4D861 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 B4D861 by changing the saturation by 10% instead.

 B4D861

 B4D861

FFFFFF

 98BC47

 EEEF97

 7CA12B

 FFFFB3

 628709

 FFFFCE

 476D00

 FFFFEC

 2E5500

 0F3D00

 002700

 000B00

 000000

 B4D861

 B4D861

 ADD84B

 BBD877

 A7D836

 C1D88C

 A0D820

 C8D8A2

 9AD80B

 CED8B7

 97D800

 D5D8CD

 DBD8E3

 E2D8F8

 E8D8FF

 EFD8FF

Harmonies

Analogous

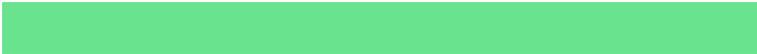
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



EEC753



B4D861



69E38D

Triad

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



B4D861



00E0FF



FF99D0

Complementary

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



B4D861



8561D8

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.



FFA6FF



B4D861



50D2FF

Square

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



B4D861



00E7FF



CABDFF



FF9F96

Rectangle

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



B4D861



00E7B3



CABDFF



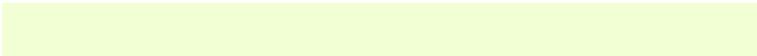
FF9CE3

Sweetspot

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



B4D861



F2FFD4



D88561



788066



000000



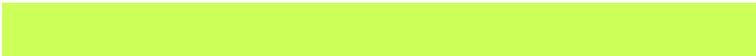
808080

Same Dimension

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



B4D861



CCFF57



79D861



686B60



77AB00



1E2B00

Inverse Universe

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



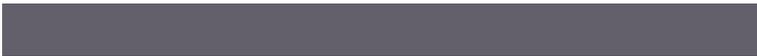
8561D8



8A57FF



C061D8



64606B



3400AB



0D002B

Previews

White Background



This preview shows how the Hex color B4D861 looks on a white background.

Color Contrast Check

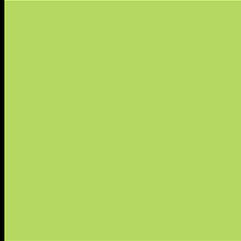
Large Text (above 18pt) WCAG AA × Fail

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 B4D861 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 B4D861 Background



This preview shows how black text looks on a background with the Hex color B4D861.

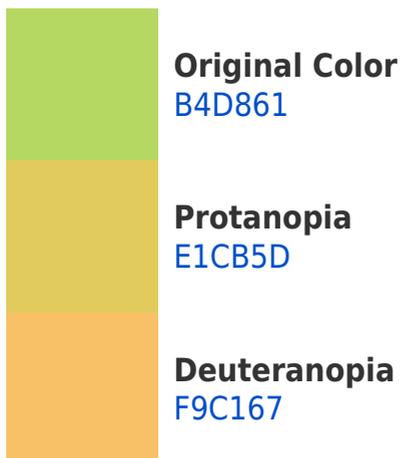


This preview shows how white text looks on a background with the Hex color B4D861.

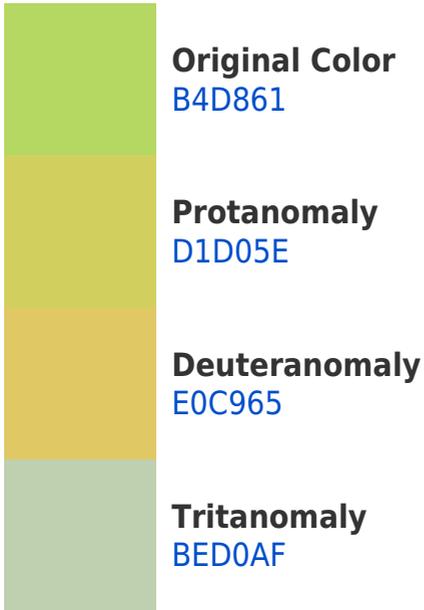
Color Blindness Simulation

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 B4D861 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 #B4D861 looks like.

```
.text, #text, p{  
    color:#B4D861  
}
```

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 #B4D861 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4D861
}
```

Border

The CSS property to change the border of an element to Hex B4D861 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
#B4D861 }
```

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

```
.border{ border-color:#B4D861 }
```

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

Here you see how a box with a 4 pixel #B4D861 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4D861; -webkit-box-shadow:4px 4px  
4px 4px #B4D861; box-shadow:4px 4px 4px  
4px #B4D861 }
```

Background

The CSS property to change the background color of an element to Hex B4D861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4D861 }
```

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

```
.background{ background-color:#B4D861 }
```

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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