

Converting Colors

Hex(BDD96B)

Have a look what the booklet for
Hex(BDD96B) contains.

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Color

Hex(BDD96B)

Conversions

Conversions Part 1

Format	Color
Hex	BDD96B
RGB	189, 217, 107
RGB Percent	74%, 85%, 42%
CMY	0.2588, 0.1490, 0.5804
CMYK	0.13, 0.00, 0.51, 0.15
HSL	75°, 59%, 64%
HSV	75°, 51%, 85%
XYZ	48.4530, 61.5061, 23.2280
YIQ	196.0880, 18.6220, -40.1460

Conversions

Conversions Part 2

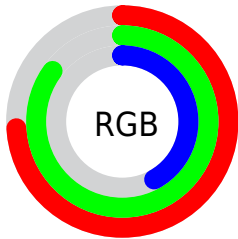
Format	Color
RYB	107, 217, 135
Decimal	12441963
CIELab	82.65, -25.79, 50.58
CIELCh	83, 56.780, 117.020
Yxy	61.5061, 0.3638, 0.4618
Android (android.graphics.Color)	4290632043 (0xFFBDD96B)
YUV	196.0880, -43.9204, -6.2162
Hunter-Lab	78.4258, -26.9644, 37.3376

Details

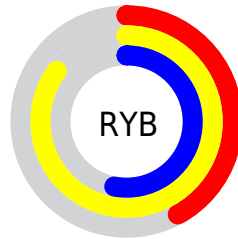
The Hex color **BDD96B** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **876BD9**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **F7FFA1**, and **85A237** is the 20% darker color. If you saturate the color by 10%, you get **B7D955**, and if you desaturate by 10%, it is **C3D981**.

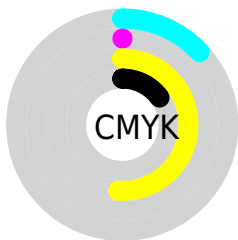
Distribution



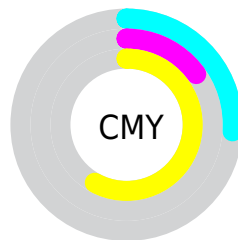
- Red (74%)
- Green (85%)
- Blue (42%)



- Red (42%)
- Yellow (85%)
- Blue (53%)



- Cyan (13%)
- Magenta (0%)
- Yellow (51%)
- Black (15%)



- Cyan (26%)
- Magenta (15%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDD96B 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 BDD96B by changing the saturation by 10% instead.

 BDD96B

 BDD96B

FFFFFF

 A1BD51

 F7FFA1

 85A237

 FFFFBD

 6B881B

 FFFFD9

 506E00

 FFFFF6

 375600

 1C3E00

 002800

 001100

 000000

 BDD96B

 BDD96B

 B7D955

 C3D981

 B2D940

 C8D996

 ACD92A

 CED9AC

 A7D914

 D3D9C2

 A2D900

 D9D9D8

 DED9ED

 E4D9FF

 E9D9FF

 EFD9FF

Harmonies

Analogous

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



F2C960



BDD96B



7BE491

Triad

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



BDD96B



00E2FF



FFA1D5

Complementary

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



BDD96B



876BD9

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.



FFAEFF



BDD96B



60D5FF

Square

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



BDD96B



00E8FD



C9C2FF



FFA5A0

Rectangle

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



BDD96B



36E7B4



C9C2FF



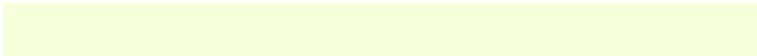
FFA4E7

Sweetspot

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



BDD96B



F5FFD9



D9866B



7A8069



000000



808080

Same Dimension

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



BDD96B



D7FF63



86D96B



6B6E63



81AD00



222E00

Inverse Universe

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



876BD9



8B63FF



BE6BD9



65636E



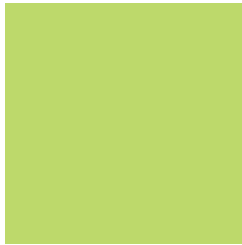
2C00AD



0C002E

Previews

White Background



This preview shows how the Hex color BDD96B looks on a white background.

Color Contrast Check

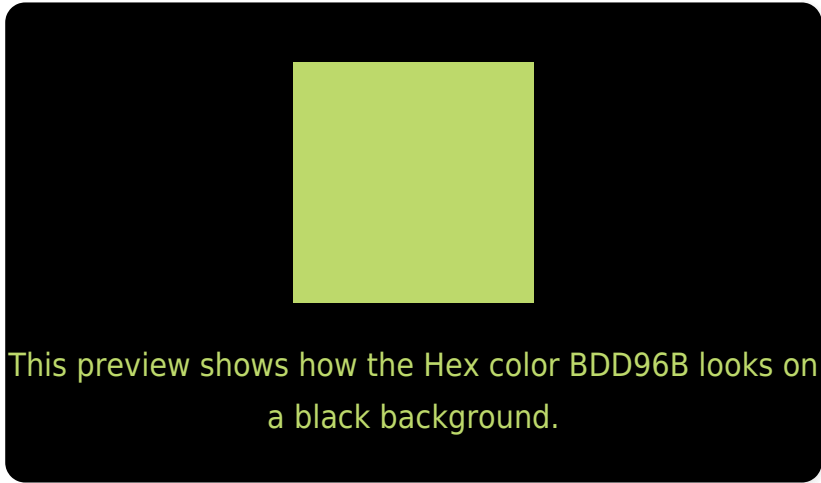
Large Text (above 18pt) WCAG AA × Fail

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 BDD96B Background



This preview shows how black text looks on a background with the Hex color BDD96B.

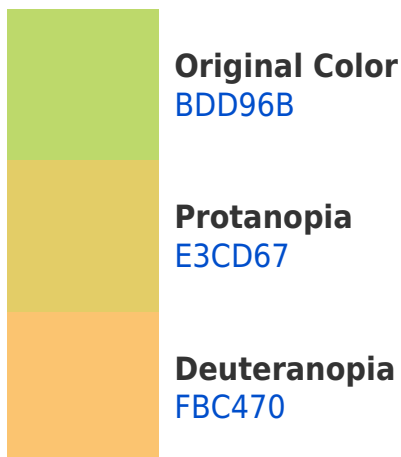


This preview shows how white text looks on a background with the Hex color BDD96B.

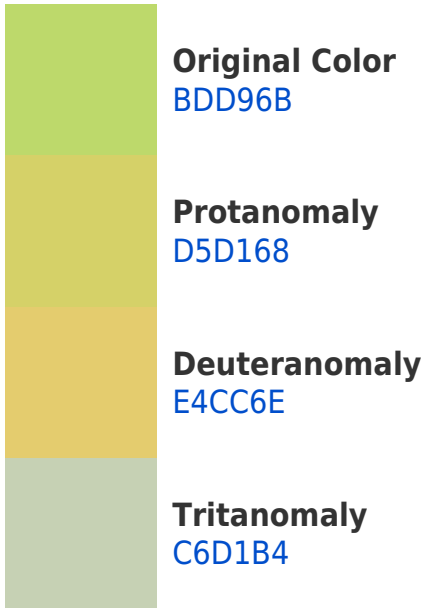
Color Blindness Simulation

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](#).

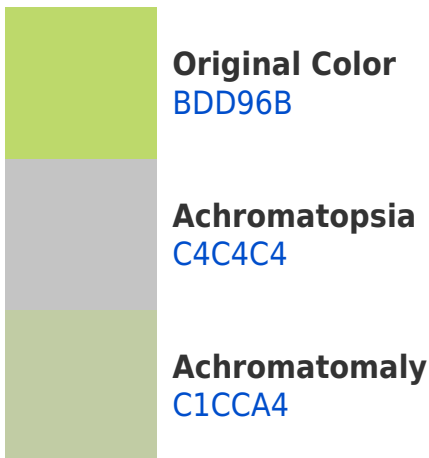
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BDD96B 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 #BDD96B looks like.

```
.text, #text, p{  
    color:#BDD96B  
}
```

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 #BDD96B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDD96B
}
```

Border

The CSS property to change the border of an element to Hex BDD96B 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
#BDD96B }
```

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

```
.border{ border-color:#BDD96B }
```

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

Here you see how a box with a 4 pixel #BDD96B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDD96B; -webkit-box-shadow:4px 4px  
4px 4px #BDD96B; box-shadow:4px 4px 4px  
4px #BDD96B }
```

Background

The CSS property to change the background color of an element to Hex BDD96B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDD96B }
```

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

```
.background{ background-color:#BDD96B }
```

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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