

Converting Colors

Hex(B0D062)

Have a look what the booklet for
Hex(B0D062) contains.

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Color

Hex(B0D062)

Conversions

Conversions Part 1

Format	Color
Hex	B0D062
RGB	176, 208, 98
RGB Percent	69%, 82%, 38%
CMY	0.3098, 0.1843, 0.6157
CMYK	0.15, 0.00, 0.53, 0.18
HSL	77°, 54%, 60%
HSV	77°, 53%, 82%
XYZ	42.6650, 55.2237, 19.9658
YIQ	185.8920, 16.2380, -40.9940

Conversions

Conversions Part 2

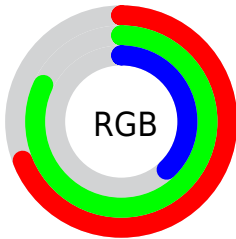
Format	Color
RYB	98, 208, 130
Decimal	11587682
CIELab	79.17, -27.38, 50.46
CIELCh	79, 57.410, 118.482
Yxy	55.2237, 0.3620, 0.4686
Android (android.graphics.Color)	4289777762 (0xFFB0D062)
YUV	185.8920, -43.3308, -8.6753
Hunter-Lab	74.3126, -27.5653, 36.0892

Details

The Hex color **B0D062** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **8262D0**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **E9FF97**, and **799A2E** is the 20% darker color. If you saturate the color by 10%, you get **AAD04D**, and if you desaturate by 10%, it is **B6D077**.

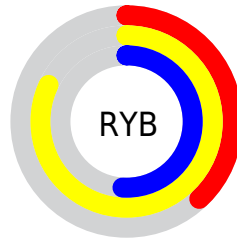
Distribution



Red (69%)

Green (82%)

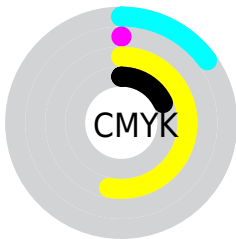
Blue (38%)



Red (38%)

Yellow (82%)

Blue (51%)

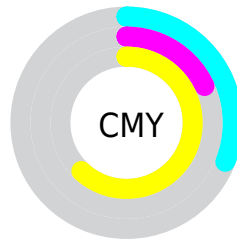


Cyan (15%)

Magenta (0%)

Yellow (53%)

Black (18%)



Cyan (31%)


Magenta (18%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0D062 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 B0D062 by changing the saturation by 10% instead.

 B0D062

 B0D062

FFFFFF

 94B448

 E9FF97

 799A2E

 FFFFB3

 5E7F0F

 FFFFCE

 446600

 FFFFEC

 2B4E00

 0E3700

 002200

 000000

 B0D062

 B0D062

 AAD04D

 B6D077

 A4D038

 BCD08C

 9ED024

 C2D0A0

 98D00F

 C8D0B5

 93D000

 CED0CA

 D4D0DF

 DAD0F4

 E0D0FF

 E6D0FF

Harmonies

Analogous

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



E6C055



B0D062



6CDA8A

Triad

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



B0D062



00D8FF



FF97C9

Complementary

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



B0D062



8262D0

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.



FFA3FD



B0D062



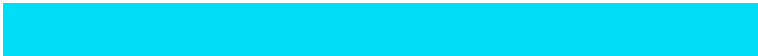
57CBFF

Square

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



B0D062



00DEF5



C3B7FF



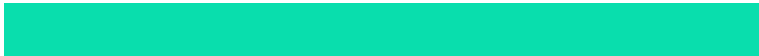
FF9B94

Rectangle

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



B0D062



09DEAD



C3B7FF



FF99DB

Sweetspot

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



B0D062



F3FFD6



D08162



788067



000000



808080

Same Dimension

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



B0D062



D0FF5E



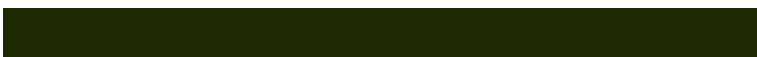
7AD062



66695E



77A800



1D2900

Inverse Universe

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



8262D0



8D5EFF



B862D0



615E69



3100A8



0C0029

Previews

White Background



This preview shows how the Hex color B0D062 looks on a white background.

Color Contrast Check

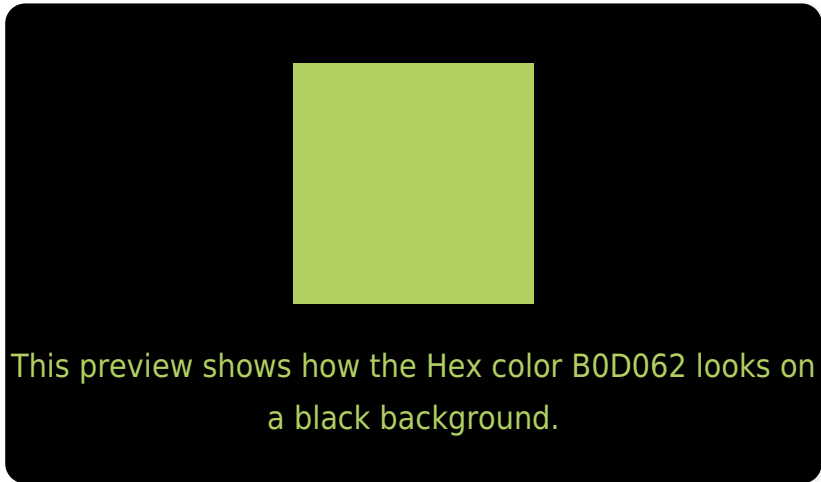
Large Text (above 18pt) WCAG AA × Fail

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 B0D062 Background



This preview shows how black text looks on a background with the Hex color B0D062.

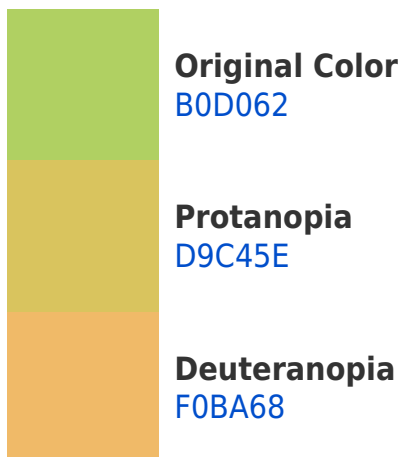


This preview shows how white text looks on a background with the Hex color B0D062.

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



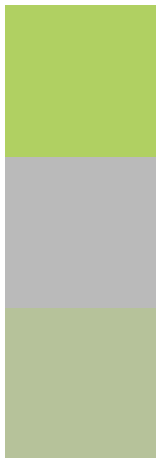
Original Color
B0D062

Protanomaly
CAC85F

Deuteranomaly
D9C266

Tritanomaly
B9C8AA

Monochromacy



Original Color
B0D062

Achromatopsia
BABABA

Achromatomaly
B6C29A

CSS Examples

Text

The CSS property to change the color of the text to Hex B0D062 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 #B0D062 looks like.

```
.text, #text, p{  
    color:#B0D062  
}
```

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 #B0D062 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0D062
}
```

Border

The CSS property to change the border of an element to Hex B0D062 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
#B0D062 }
```

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

```
.border{ border-color:#B0D062 }
```

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

Here you see how a box with a 4 pixel #B0D062 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0D062; -webkit-box-shadow:4px 4px  
4px 4px #B0D062; box-shadow:4px 4px 4px  
4px #B0D062 }
```

Background

The CSS property to change the background color of an element to Hex B0D062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0D062 }
```

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

```
.background{ background-color:#B0D062 }
```

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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