

Converting Colors

Hex(B0D645)

Have a look what the booklet for
Hex(B0D645) contains.

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Color

Hex(B0D645)

Conversions

Conversions Part 1

Format	Color
Hex	B0D645
RGB	176, 214, 69
RGB Percent	69%, 84%, 27%
CMY	0.3098, 0.1608, 0.7294
CMYK	0.18, 0.00, 0.68, 0.16
HSL	76°, 64%, 55%
HSV	76°, 68%, 84%
XYZ	43.0252, 57.7529, 14.5100
YIQ	186.1080, 23.8970, -53.1510

Conversions

Conversions Part 2

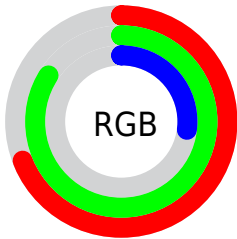
Format	Color
RYB	69, 214, 107
Decimal	11589189
CIELab	80.60, -32.47, 64.40
CIElCh	81, 72.121, 116.760
Yxy	57.7529, 0.3732, 0.5009
Android (android.graphics.Color)	4289779269 (0xFFB0D645)
YUV	186.1080, -57.7342, -8.8647
Hunter-Lab	75.9953, -31.9329, 41.8763

Details

The Hex color **B0D645** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **6B45D6**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **EAFF7D**, and **789F00** is the 20% darker color. If you saturate the color by 10%, you get **AAD630**, and if you desaturate by 10%, it is **B6D65A**.

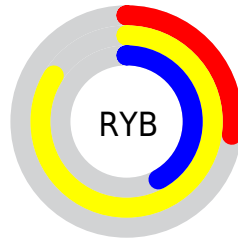
Distribution



Red (69%)

Green (84%)

Blue (27%)



Red (27%)

Yellow (84%)

Blue (42%)

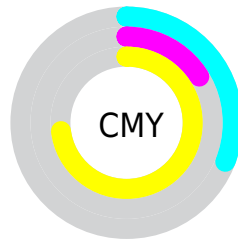


Cyan (18%)

Magenta (0%)

Yellow (68%)

Black (16%)



Cyan (31%)

Magenta (16%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0D645 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 B0D645 by changing the saturation by 10% instead.

 B0D645

 B0D645

FFFFFF

 94BA27

 EAFF7D

 789F00

 FFFF98

 5C8500


 FFFFB5

 416B00

 FFFFDD

 245300

 FFFFEE

 013B00

 002600

 000400

 000000

 B0D645

 B0D645

 AAD630

 B6D65A

 A5D61A

 BBD670

 9FD605

 C1D685

 9ED600

 C6D69B

 CCD6B0

 D2D6C5

 D7D6DB

 DDD6F0

 E2D6FF

Harmonies

Analogous

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



F2C235



B0D645



53E27A

Triad

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



B0D645



00E1FF



FF8AD2

Complementary

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



B0D645



6B45D6

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.



FF9CFF



B0D645



00D2FF

Square

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



B0D645



00E8FF



BCB9FF



FF908F

Rectangle

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



B0D645



00E7A7



BCB9FF



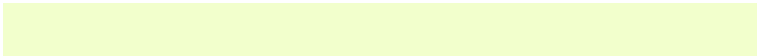
FF8EE9

Sweetspot

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



B0D645



F2FFCC



D66945



778061



000000



808080

Same Dimension

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



B0D645



C9FF30



69D645



686B60



7EAB00



202B00

Inverse Universe

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



6B45D6



6730FF



B245D6



63606B



2D00AB



0B002B

Previews

White Background



This preview shows how the Hex color B0D645 looks on a white background.

Color Contrast Check

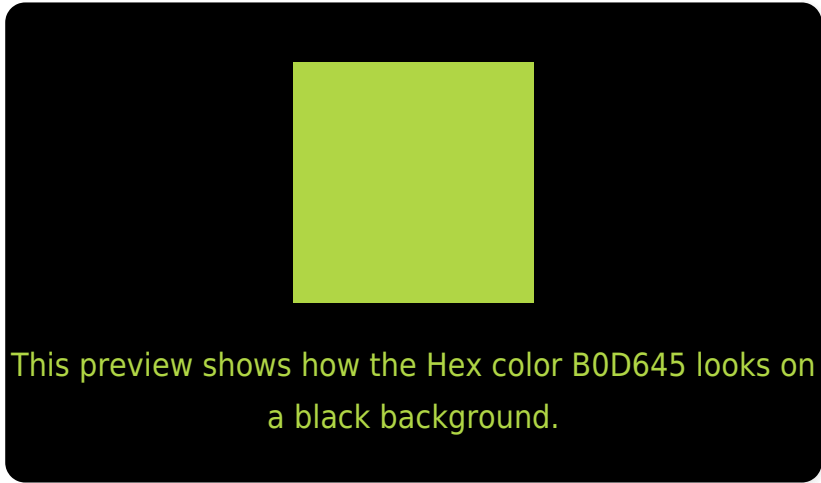
Large Text (above 18pt) WCAG AA × Fail

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 B0D645 Background



This preview shows how black text looks on a background with the Hex color B0D645.

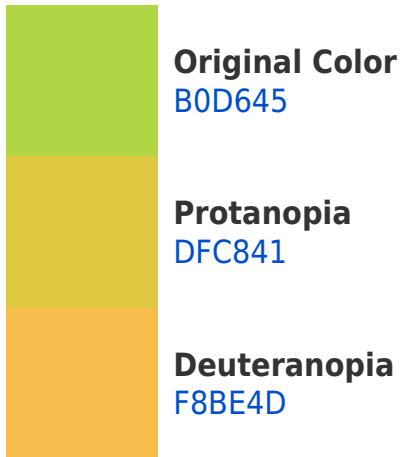


This preview shows how white text looks on a background with the Hex color B0D645.

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



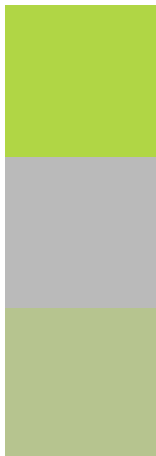
Original Color
B0D645

Protanomaly
CECD42

Deuteranomaly
DEC74A

Tritanomaly
BACDA3

Monochromacy



Original Color
B0D645

Achromatopsia
BABABA

Achromatomaly
B6C48F

CSS Examples

Text

The CSS property to change the color of the text to Hex B0D645 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 #B0D645 looks like.

```
.text, #text, p{  
    color:#B0D645  
}
```

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 #B0D645 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0D645  
}
```

Border

The CSS property to change the border of an element to Hex B0D645 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  
#B0D645 }
```

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

```
.border{ border-color:#B0D645 }
```

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

Here you see how a box with a 4 pixel #B0D645 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0D645; -webkit-box-shadow:4px 4px  
4px 4px #B0D645; box-shadow:4px 4px 4px  
4px #B0D645 }
```

Background

The CSS property to change the background color of an element to Hex B0D645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0D645 }
```

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

```
.background{ background-color:#B0D645 }
```

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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