

Converting Colors

Hex(B0D536)

Have a look what the booklet for
Hex(B0D536) contains.

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Color

Hex(B0D536)

Conversions

Conversions Part 1

Format	Color
Hex	B0D536
RGB	176, 213, 54
RGB Percent	69%, 84%, 21%
CMY	0.3098, 0.1647, 0.7882
CMYK	0.17, 0.00, 0.75, 0.16
HSL	74°, 65%, 52%
HSV	74°, 75%, 84%
XYZ	42.3646, 57.0849, 12.2757
YIQ	183.8110, 28.9870, -57.2930

Conversions

Conversions Part 2

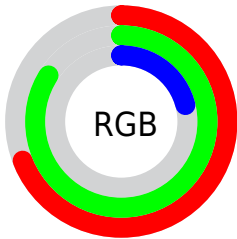
Format	Color
RYB	54, 213, 91
Decimal	11588918
CIELab	80.23, -32.84, 69.29
CIELCh	80, 76.678, 115.356
Yxy	57.0849, 0.3792, 0.5109
Android (android.graphics.Color)	4289778998 (0xFFB0D536)
YUV	183.8110, -63.9968, -6.8502
Hunter-Lab	75.5546, -32.1329, 43.2551

Details

The Hex color **B0D536** 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 **5B36D5**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **EBFF70**, and **779E00** is the 20% darker color. If you saturate the color by 10%, you get **ABD521**, and if you desaturate by 10%, it is **B5D54B**.

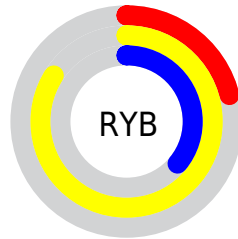
Distribution



Red (69%)

Green (84%)

Blue (21%)



Red (21%)

Yellow (84%)

Blue (36%)

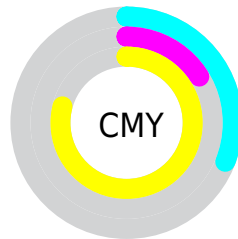


Cyan (17%)

Magenta (0%)

Yellow (75%)

Black (16%)



Cyan (31%)

Magenta (16%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0D536 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 B0D536 by changing the saturation by 10% instead.

 B0D536

 B0D536

FFFFFF

 93B90F

 EBFF70

 779E00

 FFFF8C

 5B8400

 FFFFA9


 406B00

 FFFF8C

 225200

 FFFF8C

 003B00

 002600

 000200

 000000

 B0D536

 B0D536

 ABD521

 B5D54B

 A6D50B

 BAD561

 A3D500

 BFD576

 C4D58B

 C9D5A1

 CED5B6

 D3D5CB

 D8D5E0

 DDD5F6

Harmonies

Analogous

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



F5C025



B0D536



4BE271

Triad

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



B0D536



00E2FF



FF83D5

Complementary

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



B0D536



5B36D5

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.



FF99FF



B0D536



00D3FF

Square

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



B0D536



00E9FF



B3B9FF



FF898E

Rectangle

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



B0D536



00E7A0



B3B9FF



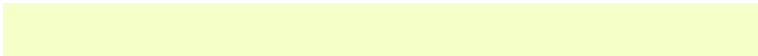
FF88ED

Sweetspot

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



B0D536



F2FFC7



D55836



78805E



000000



808080

Same Dimension

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



B0D536



CAFF19



63D536



696B60



83AB00



212B00

Inverse Universe

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



5B36D5



4F19FF



A836D5



63606B



2800AB



0A002B

Previews

White Background



This preview shows how the Hex color B0D536 looks on a white background.

Color Contrast Check

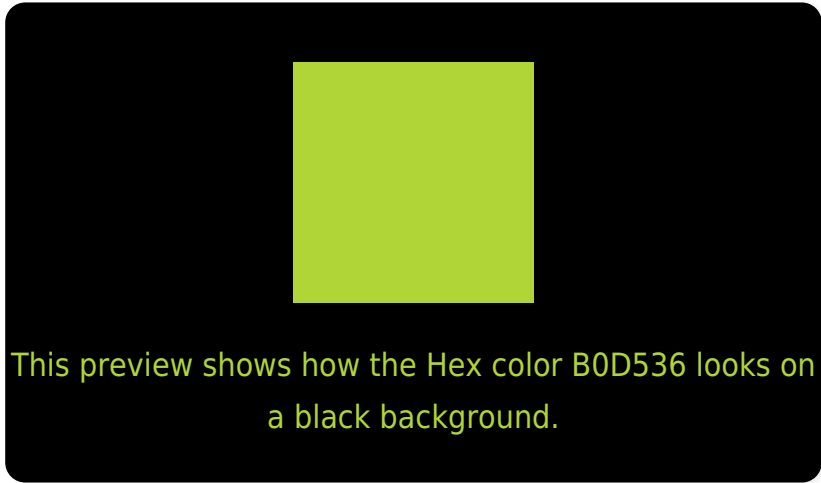
Large Text (above 18pt) WCAG AA × Fail

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 B0D536 Background



This preview shows how black text looks on a background with the Hex color B0D536.

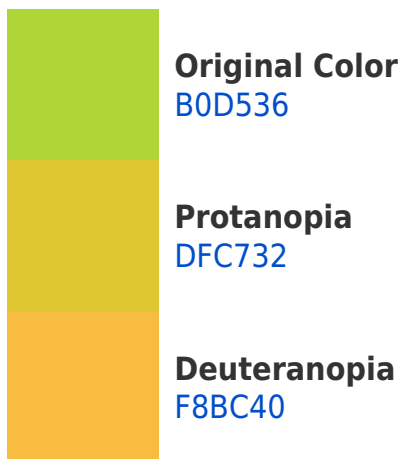


This preview shows how white text looks on a background with the Hex color B0D536.

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





Tritanopia
C1C7D6

Trichromacy



Original Color
B0D536

Protanomaly
CECC33

Deuteranomaly
DEC53C

Tritanomaly
BBCC9C

Monochromacy



Original Color
B0D536

Achromatopsia
B8B8B8

Achromatomaly
B5C389

CSS Examples

Text

The CSS property to change the color of the text to Hex B0D536 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 #B0D536 looks like.

```
.text, #text, p{  
    color:#B0D536  
}
```

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 #B0D536 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0D536
}
```

Border

The CSS property to change the border of an element to Hex B0D536 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
#B0D536 }
```

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

```
.border{ border-color:#B0D536 }
```

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

Here you see how a box with a 4 pixel #B0D536 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0D536; -webkit-box-shadow:4px 4px  
4px 4px #B0D536; box-shadow:4px 4px 4px  
4px #B0D536 }
```

Background

The CSS property to change the background color of an element to Hex B0D536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0D536 }
```

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

```
.background{ background-color:#B0D536 }
```

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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