

Converting Colors

Hex(B9DB5A)

Have a look what the booklet for
Hex(B9DB5A) contains.

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Color

Hex(B9DB5A)

Conversions

Conversions Part 1

Format	Color
Hex	B9DB5A
RGB	185, 219, 90
RGB Percent	73%, 86%, 35%
CMY	0.2745, 0.1412, 0.6471
CMYK	0.16, 0.00, 0.59, 0.14
HSL	76°, 64%, 61%
HSV	76°, 59%, 86%
XYZ	47.1846, 61.7155, 19.0983
YIQ	194.1280, 21.1450, -47.3270

Conversions

Conversions Part 2

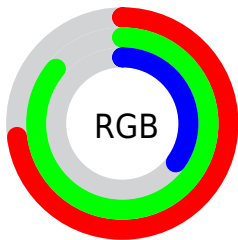
Format	Color
RYB	90, 219, 124
Decimal	12180314
CIELab	82.76, -29.79, 58.32
CIELCh	83, 65.494, 117.059
Yxy	61.7155, 0.3686, 0.4822
Android (android.graphics.Color)	4290370394 (0xFFB9DB5A)
YUV	194.1280, -51.3351, -8.0053
Hunter-Lab	78.5592, -30.2672, 40.5777

Details

The Hex color **B9DB5A** 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 **7C5ADB**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **F3FF90**, and **81A422** is the 20% darker color. If you saturate the color by 10%, you get **B3DB44**, and if you desaturate by 10%, it is **BFDB70**.

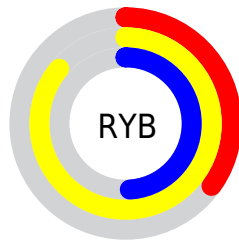
Distribution



Red (73%)

Green (86%)

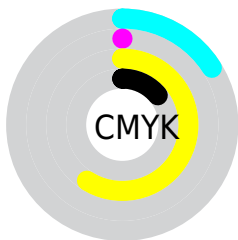
Blue (35%)



Red (35%)

Yellow (86%)

Blue (49%)

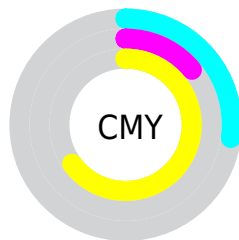


Cyan (16%)

Magenta (0%)

Yellow (59%)

Black (14%)



Cyan (27%)

Magenta (14%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9DB5A 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 B9DB5A by changing the saturation by 10% instead.

 B9DB5A

 B9DB5A

FFFFFF

 9DBF3F

 F3FF90

 81A422


 FFFFAC

 668A00

 FFFFC8

 4B7000

 FFFF E5

 315700

 134000

 002900

 001100

 000000

 B9DB5A

 B9DB5A

 B3DB44

 BFDB70

 ADDB2E

 C5DB86

 A8DB18

 CADB9C

 A2DB02

 D0DBB2

 A1DB00

 D6DBC7

 DCDBDD

 E1DBF3

 E7DBFF

 EDDBFF

Harmonies

Analogous

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



F6C94D



B9DB5A



69E788

Triad

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



B9DB5A



00E5FF



FF98D7

Complementary

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



B9DB5A



7C5ADB

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.



FFA7FF



B9DB5A



26D7FF

Square

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



B9DB5A



00ECFF



C7C0FF



FF9D9A

Rectangle

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



B9DB5A



00EBB0



C7C0FF



FF9BEB

Sweetspot

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



B9DB5A



F3FFD1



DB7A5A



788063



000000



808080

Same Dimension

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



B9DB5A



CFFF4A



7ADB5A



6B6E63



80AD00



222E00

Inverse Universe

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



7C5ADB



7A4AFF



BB5ADB



66636E



2E00AD



0C002E

Previews

White Background



This preview shows how the Hex color B9DB5A looks on a white background.

Color Contrast Check

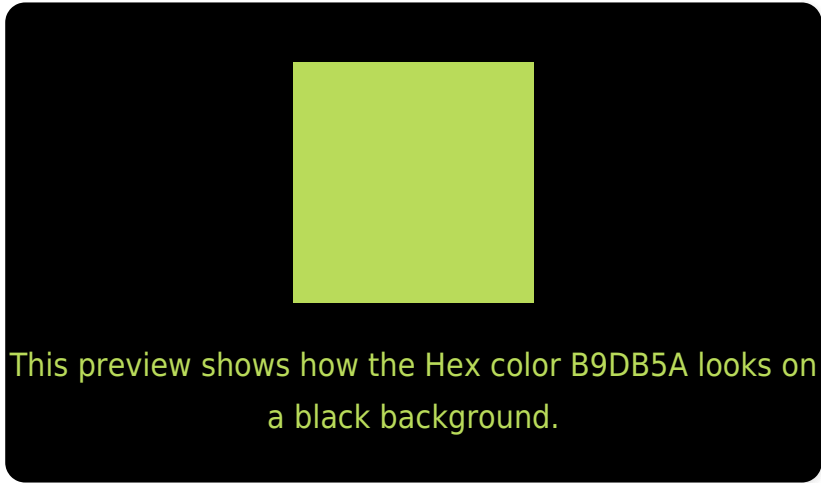
Large Text (above 18pt) WCAG AA × Fail

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 B9DB5A Background



This preview shows how black text looks on a background with the Hex color B9DB5A.

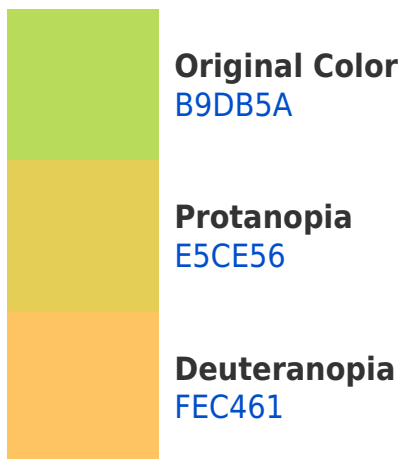


This preview shows how white text looks on a background with the Hex color B9DB5A.

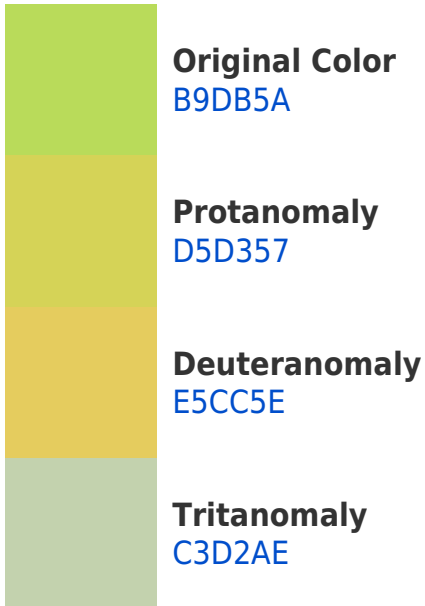
Color Blindness Simulation

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 B9DB5A 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 #B9DB5A looks like.

```
.text, #text, p{  
    color:#B9DB5A  
}
```

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 #B9DB5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9DB5A
}
```

Border

The CSS property to change the border of an element to Hex B9DB5A 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
#B9DB5A }
```

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

```
.border{ border-color:#B9DB5A }
```

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

Here you see how a box with a 4 pixel #B9DB5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9DB5A; -webkit-box-shadow:4px 4px  
4px 4px #B9DB5A; box-shadow:4px 4px 4px  
4px #B9DB5A }
```

Background

The CSS property to change the background color of an element to Hex B9DB5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9DB5A }
```

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

```
.background{ background-color:#B9DB5A }
```

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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