

Converting Colors

Hex(B9DE3A)

Have a look what the booklet for
Hex(B9DE3A) contains.

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Color

Hex(B9DE3A)

Conversions

Conversions Part 1

Format	Color
Hex	B9DE3A
RGB	185, 222, 58
RGB Percent	73%, 87%, 23%
CMY	0.2745, 0.1294, 0.7725
CMYK	0.17, 0.00, 0.74, 0.13
HSL	74°, 71%, 55%
HSV	74°, 74%, 87%
XYZ	46.8926, 62.8623, 13.6651
YIQ	192.2410, 30.5920, -58.8480

Conversions

Conversions Part 2

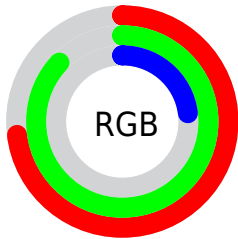
Format	Color
RYB	58, 222, 95
Decimal	12181050
CIELab	83.37, -33.23, 71.19
CIELCh	83, 78.568, 115.023
Yxy	62.8623, 0.3799, 0.5093
Android (android.graphics.Color)	4290371130 (0xFFB9DE3A)
YUV	192.2410, -66.1808, -6.3504
Hunter-Lab	79.2858, -33.1785, 45.2812

Details

The Hex color **B9DE3A** 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 **5F3ADE**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **F4FF74**, and **80A700** is the 20% darker color. If you saturate the color by 10%, you get **B4DE24**, and if you desaturate by 10%, it is **BEDE50**.

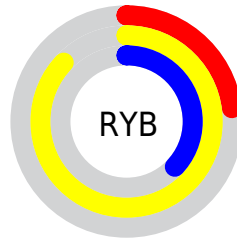
Distribution



Red (73%)

Green (87%)

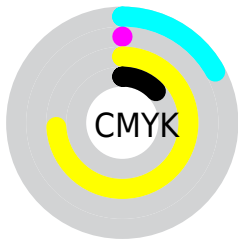
Blue (23%)



Red (23%)

Yellow (87%)

Blue (37%)

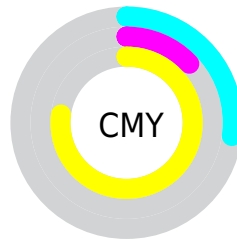


Cyan (17%)

Magenta (0%)

Yellow (74%)

Black (13%)



Cyan (27%)

Magenta (13%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9DE3A 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 B9DE3A by changing the saturation by 10% instead.

 B9DE3A

 B9DE3A

FFFFFF

 9CC214

 F4FF74

 80A700

 FFFF91

 648C00

 FFFFAD

 487300

 FFFFCA

 2B5A00

 FFFFEB

 084200

 002C00

 001400

 000000

 B9DE3A

 B9DE3A

 B4DE24

 BEDE50

 AFDE0E

 C3DE66

 ACDE00

 C8DE7D

 CDDE93

 D2DEA9

 D7DEBF

 DCDED5

 E1DEEC

 E6DEFF

Harmonies

Analogous

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



FFC829



B9DE3A



52EC76

Triad

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



B9DE3A



00ECFF



FF8ADF

Complementary

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



B9DE3A



5F3ADE

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.



FFA1FF



B9DE3A



00DCFF

Square

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



B9DE3A



00F2FF



BAC1FF



FF8F96

Rectangle

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



B9DE3A



00F1A7



BAC1FF



FF8FF8

Sweetspot

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



B9DE3A



F2FFC7



DE5E3A



78805E



000000



808080

Same Dimension

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



B9DE3A



CCFF1C



68DE3A



6E7065



88B000



263000

Inverse Universe

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



5F3ADE



4F1CFF



B03ADE



686570



2800B0



0B0030

Previews

White Background



This preview shows how the Hex color B9DE3A looks on a white background.

Color Contrast Check

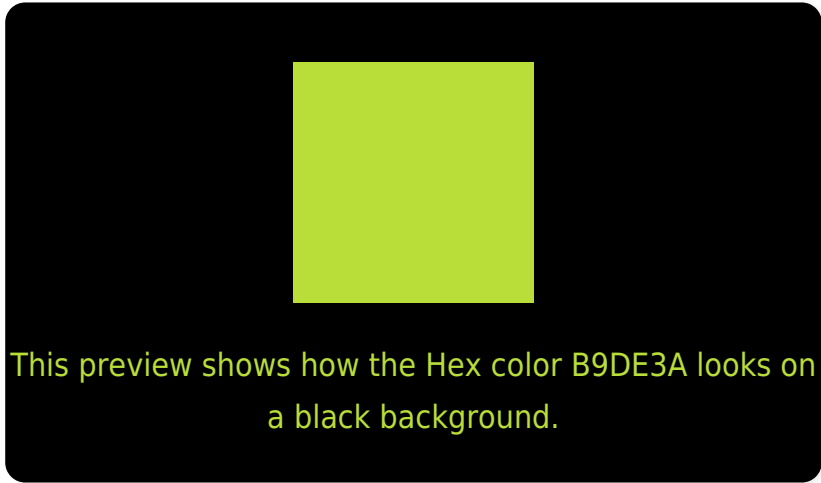
Large Text (above 18pt) WCAG AA × Fail

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 B9DE3A Background



This preview shows how black text looks on a background with the Hex color B9DE3A.

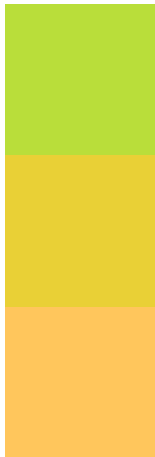


This preview shows how white text looks on a background with the Hex color B9DE3A.

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

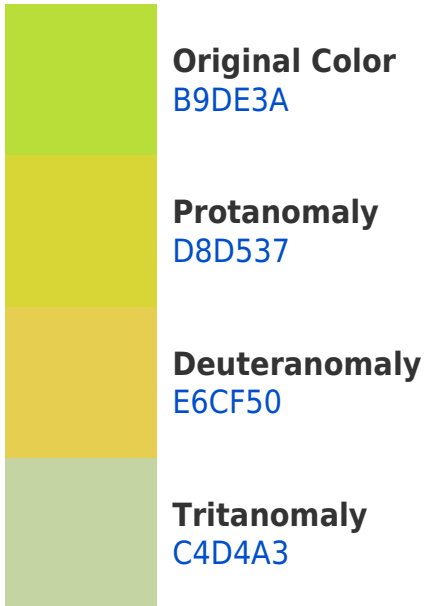


Original Color
B9DE3A

Protanopia
E9D036

Deuteranopia
FFC65C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B9DE3A 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 #B9DE3A looks like.

```
.text, #text, p{  
    color:#B9DE3A  
}
```

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 #B9DE3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9DE3A
}
```

Border

The CSS property to change the border of an element to Hex B9DE3A 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
#B9DE3A }
```

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

```
.border{ border-color:#B9DE3A }
```

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

Here you see how a box with a 4 pixel #B9DE3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9DE3A; -webkit-box-shadow:4px 4px  
4px 4px #B9DE3A; box-shadow:4px 4px 4px  
4px #B9DE3A }
```

Background

The CSS property to change the background color of an element to Hex B9DE3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9DE3A }
```

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

```
.background{ background-color:#B9DE3A }
```

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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