

Converting Colors

Hex(9BD34B)

Have a look what the booklet for
Hex(9BD34B) contains.

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Color

Hex(9BD34B)

Conversions

Conversions Part 1

Format	Color
Hex	9BD34B
RGB	155, 211, 75
RGB Percent	61%, 83%, 29%
CMY	0.3922, 0.1725, 0.7059
CMYK	0.27, 0.00, 0.64, 0.17
HSL	85°, 61%, 56%
HSV	85°, 64%, 83%
XYZ	38.0818, 54.0651, 15.0851
YIQ	178.7520, 10.2800, -54.1680

Conversions

Conversions Part 2

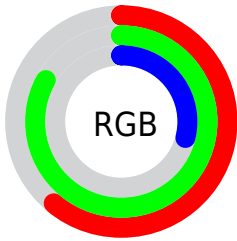
Format	Color
RYB	75, 211, 131
Decimal	10212171
CIELab	78.50, -38.72, 59.44
CIElCh	78, 70.940, 123.080
Yxy	54.0651, 0.3551, 0.5042
Android (android.graphics.Color)	4288402251 (0xFF9BD34B)
YUV	178.7520, -51.1497, -20.8305
Hunter-Lab	73.5290, -36.2277, 39.3064

Details

The Hex color **9BD34B** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **834BD3**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **D4FF82**, and **639C09** is the 20% darker color. If you saturate the color by 10%, you get **92D336**, and if you desaturate by 10%, it is **A4D360**.

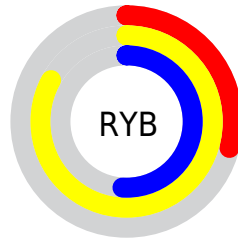
Distribution



Red (61%)

Green (83%)

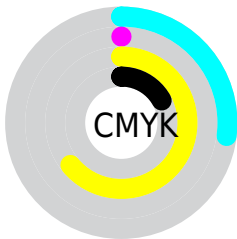
Blue (29%)



Red (29%)

Yellow (83%)

Blue (51%)

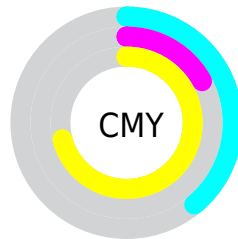


Cyan (27%)

Magenta (0%)

Yellow (64%)

Black (17%)



Cyan (39%)

Magenta (17%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BD34B 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 9BD34B by changing the saturation by 10% instead.

 9BD34B

 9BD34B

FFFFFF

 7FB72F

 D4FF82

 639C09

 F2FF9D

 488200

 FFFFB9

 2B6800

 FFFFD6

 055000

 FFFFF3

 003800

 002400

 000000

 9BD34B

 9BD34B

 92D336

 A4D360

 8AD321

 ACD375

 81D30C

 B5D38A

 7CD300

 BED39F

 C6D3B5

 CFD3CA

 D8D3DF

 E1D3F4

 E9D3FF

Harmonies

Analogous

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



DFC130



9BD34B



27DD84

Triad

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



9BD34B



00D9FF



FF84BE

Complementary

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



9BD34B



834BD3

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.



FF92FF



9BD34B



20C7FF

Square

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



9BD34B



00E1FF



CDAEFF



FF8F7E

Rectangle

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



9BD34B



00E1B0



CDAEFF



FF86D4

Sweetspot

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



9BD34B



EBFFCF



D3814B



738062



000000



808080

Same Dimension

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



9BD34B



AEFF3B



59D34B



64695E



63A800



182900

Inverse Universe

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



834BD3



8B3BFF



C54BD3



625E69



4500A8



110029

Previews

White Background



This preview shows how the Hex color 9BD34B looks on a white background.

Color Contrast Check

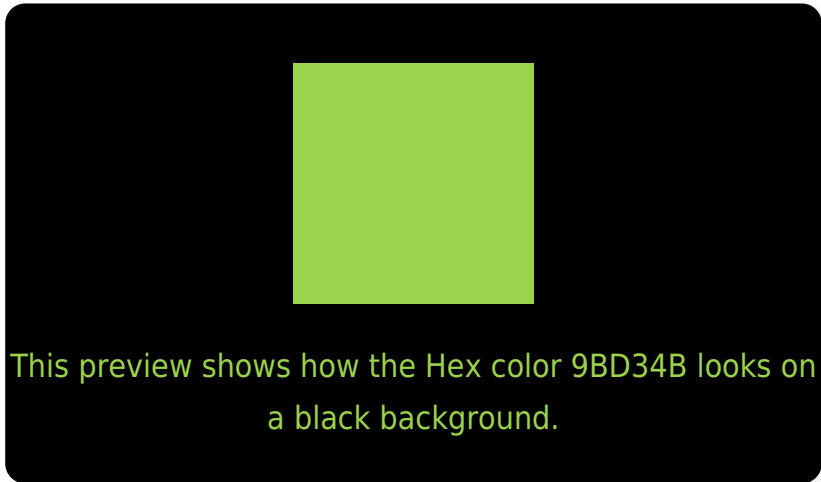
Large Text (above 18pt) WCAG AA × Fail

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 9BD34B Background



This preview shows how black text looks on a background with the Hex color 9BD34B.

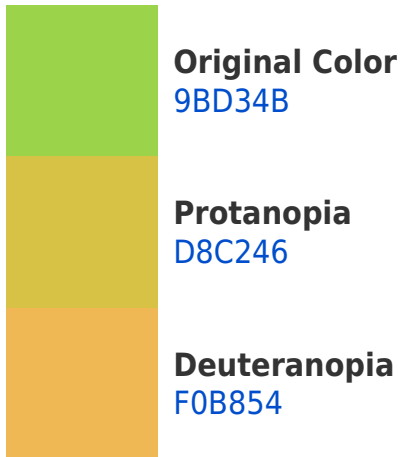


This preview shows how white text looks on a background with the Hex color 9BD34B.

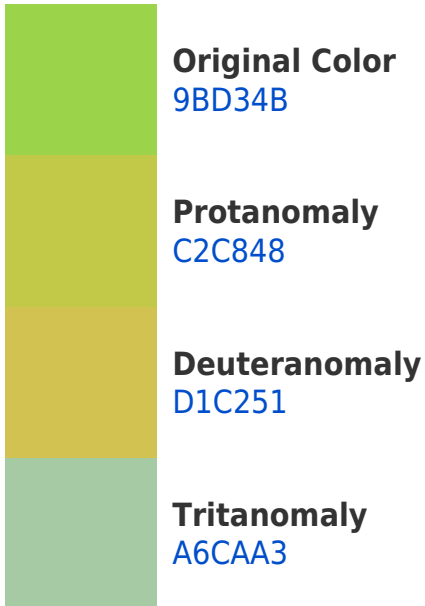
Color Blindness Simulation

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](#).

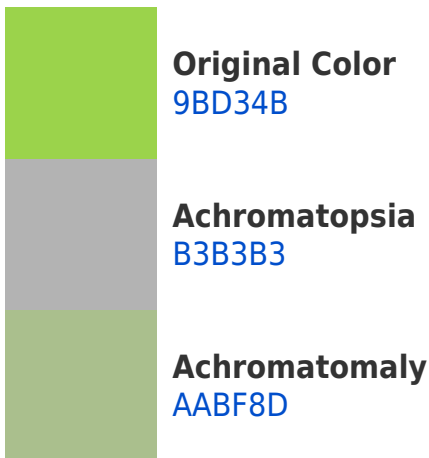
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BD34B 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 #9BD34B looks like.

```
.text, #text, p{  
    color:#9BD34B  
}
```

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 #9BD34B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BD34B
}
```

Border

The CSS property to change the border of an element to Hex 9BD34B 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
#9BD34B }
```

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

```
.border{ border-color:#9BD34B }
```

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

Here you see how a box with a 4 pixel #9BD34B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BD34B; -webkit-box-shadow:4px 4px  
4px 4px #9BD34B; box-shadow:4px 4px 4px  
4px #9BD34B }
```

Background

The CSS property to change the background color of an element to Hex 9BD34B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BD34B }
```

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

```
.background{ background-color:#9BD34B }
```

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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