

Converting Colors

Hex(9BB336)

Have a look what the booklet for
Hex(9BB336) contains.

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Color

Hex(9BB336)

Conversions

Conversions Part 1

Format	Color
Hex	9BB336
RGB	155, 179, 54
RGB Percent	61%, 70%, 21%
CMY	0.3922, 0.2980, 0.7882
CMYK	0.13, 0.00, 0.70, 0.30
HSL	72°, 54%, 46%
HSV	72°, 70%, 70%
XYZ	30.3035, 39.4751, 9.5123
YIQ	157.5740, 25.8210, -43.9630

Conversions

Conversions Part 2

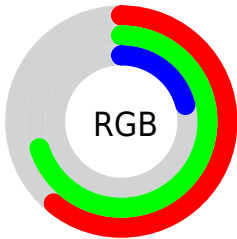
Format	Color
RYB	54, 179, 78
Decimal	10203958
CIELab	69.09, -25.21, 57.97
CIElCh	69, 63.213, 113.502
Yxy	39.4751, 0.3822, 0.4979
Android (android.graphics.Color)	4288394038 (0xFF9BB336)
YUV	157.5740, -51.0620, -2.2574
Hunter-Lab	62.8292, -23.8578, 35.0040

Details

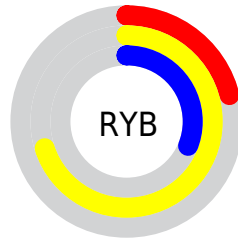
The Hex color **9BB336** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **4E36B3**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **D4EB6C**, and **647E00** is the 20% darker color. If you saturate the color by 10%, you get **98B324**, and if you desaturate by 10%, it is **9EB348**.

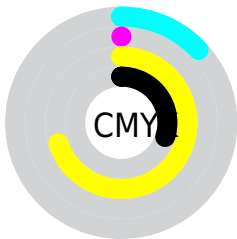
Distribution



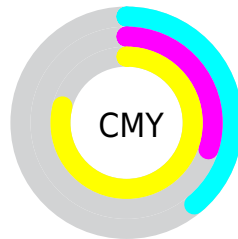
- Red (61%)
- Green (70%)
- Blue (21%)



- Red (21%)
- Yellow (70%)
- Blue (31%)



- Cyan (13%)
- Magenta (0%)
- Yellow (70%)
- Black (30%)



- Cyan (39%)
- Magenta (30%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BB336 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 9BB336 by changing the saturation by 10% instead.



9BB336



9BB336

FFFFFF



7F9817



D4EB6C



647E00



F1FF87



4A6500



FFFFA3



2F4D00



FFFFBF



143600



FFFFDC



002200



FFFFF9



000000



9BB336



9BB336



98B324



9EB348

94B312

A2B35A

91B300

A5B36C

A9B37E

ACB390

B0B3A1

B3B3B3

B6B3C5

BAB3D7

Harmonies

Analogous

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



D2A12D



9BB336



51BE61

Triad

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



9BB336



00BFFF



FF75B8

Complementary

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



9BB336



4E36B3

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.



E286EE



9BB336



00B3FF

Square

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



9BB336



00C4D5



949FFF



FF777E

Rectangle

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



9BB336



00C286



949FFF



FF79CB

Sweetspot

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



9BB336



DFE8B7



B34D36



707558



F5F5F5



757575

Same Dimension

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



9BB336



C3E825



5EB336



585950



7C9900



151A00

Inverse Universe

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



4E36B3



4B25E8



8B36B3



525059



1D0099



05001A

Previews

White Background



This preview shows how the Hex color 9BB336 looks on a white background.

Color Contrast Check

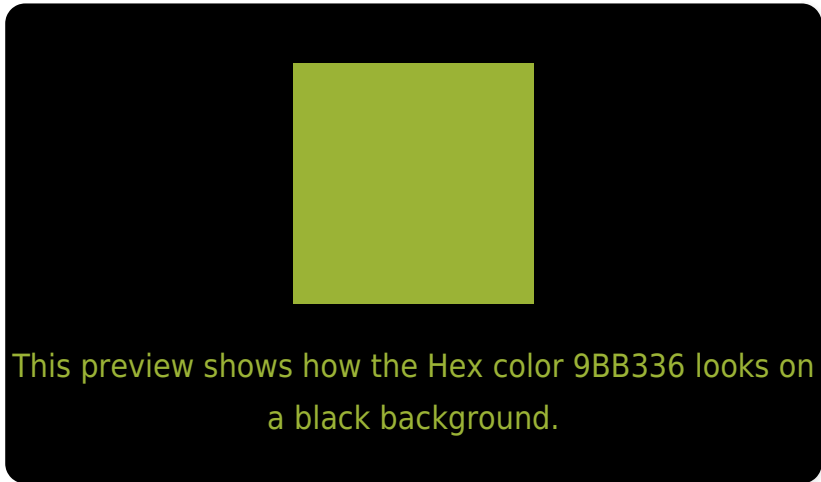
Large Text (above 18pt) WCAG AA × Fail

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 9BB336 Background



This preview shows how black text looks on a background with the Hex color 9BB336.

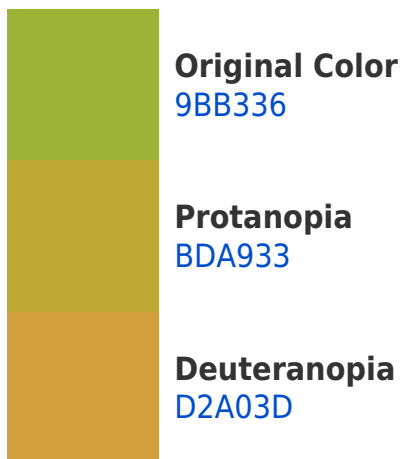


This preview shows how white text looks on a background with the Hex color 9BB336.

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](#).

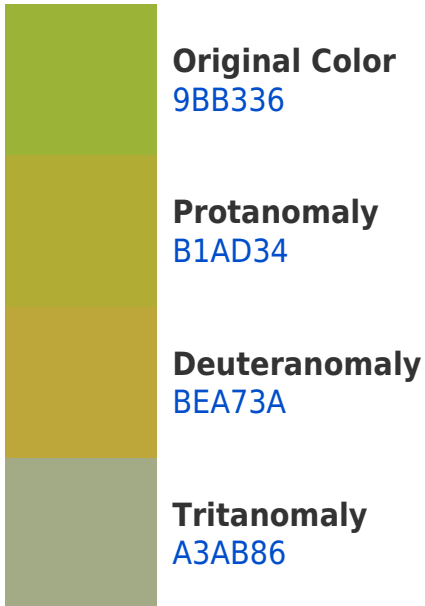
Dichromacy





Tritanopia
A8A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BB336 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 #9BB336 looks like.

```
.text, #text, p{  
    color:#9BB336  
}
```

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 #9BB336 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BB336
}
```

Border

The CSS property to change the border of an element to Hex 9BB336 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
#9BB336 }
```

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

```
.border{ border-color:#9BB336 }
```

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

Here you see how a box with a 4 pixel #9BB336 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BB336; -webkit-box-shadow:4px 4px  
4px 4px #9BB336; box-shadow:4px 4px 4px  
4px #9BB336 }
```

Background

The CSS property to change the background color of an element to Hex 9BB336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BB336 }
```

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

```
.background{ background-color:#9BB336 }
```

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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