

Converting Colors

Hex(9BB538)

Have a look what the booklet for
Hex(9BB538) contains.

| | |
|--|----|
| Hex(9BB538) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(9BB538)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9BB538 |
| RGB | 155, 181, 56 |
| RGB Percent | 61%, 71%, 22% |
| CMY | 0.3922, 0.2902, 0.7804 |
| CMYK | 0.14, 0.00, 0.69, 0.29 |
| HSL | 72°, 53%, 46% |
| HSV | 72°, 69%, 71% |
| XYZ | 30.7553, 40.3018, 9.8994 |
| YIQ | 158.9760, 24.6290, -44.3870 |

Conversions

Conversions Part 2

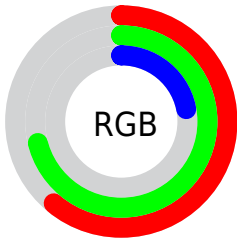
| Format | Color |
|-------------------------------------|---|
| RYB | 56, 181, 82 |
| Decimal | 10204472 |
| CIELab | 69.68, -26.06, 57.80 |
| CIELCh | 70, 63.403, 114.271 |
| Yxy | 40.3018, 0.3799, 0.4978 |
| Android (android.graphics.Color) | 4288394552 (0xFF9BB538) |
| YUV | 158.9760, -50.7672, -3.4870 |
| Hunter-Lab | 63.4837, -24.6206, 35.1931 |

Details

The Hex color **9BB538** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **5238B5**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **D4ED6E**, and **648000** is the 20% darker color. If you saturate the color by 10%, you get **97B526**, and if you desaturate by 10%, it is **9FB54A**.

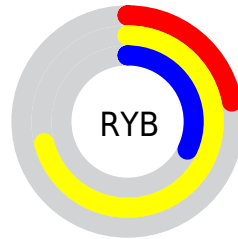
Distribution



Red (61%)

Green (71%)

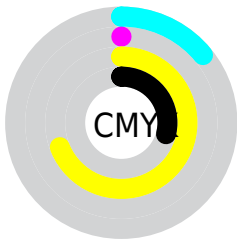
Blue (22%)



Red (22%)

Yellow (71%)

Blue (32%)

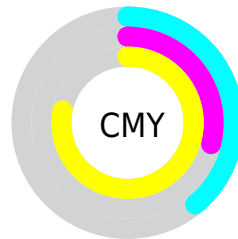


Cyan (14%)

Magenta (0%)

Yellow (69%)

Black (29%)



Cyan (39%)

Magenta (29%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BB538 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 9BB538 by changing the saturation by 10% instead.



9BB538



9BB538

FFFFFF



7F9A1A



D4ED6E



648000



F1FF89



4A6700



FFFFA5



304F00



FFFFC1



133800



FFFFDE



002300



FFFFFB



000000



9BB538



9BB538



97B526



9FB54A

 93B514

 A3B55C

 90B502

 A6B56E

 8FB500

 AAB580

 AEB593

 B2B5A5

 B5B5B7

 B9B5C9

 BDB5DB

Harmonies

Analogous

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



D2A42E



9BB538



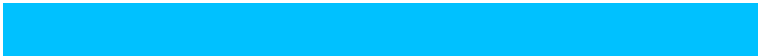
50C064

Triad

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



9BB538



00C1FF



FF76B8

Complementary

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



9BB538



5238B5

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.



E687EE



9BB538



00B4FF

Square

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



9BB538



00C6D8



98A0FF



FF797E

Rectangle

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



9BB538



00C489



98A0FF



FF7ACB

Sweetspot

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



9BB538



E0EBB9



B55138



6F7558



F5F5F5



757575

Same Dimension

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



9BB538



C2EB28



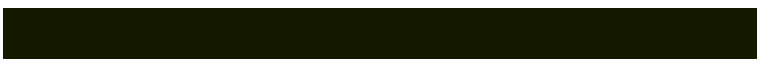
5EB538



575950



799900



141A00

Inverse Universe

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



5238B5



5028EB



9038B5



525059



200099



05001A

Previews

White Background



This preview shows how the Hex color 9BB538 looks on a white background.

Color Contrast Check

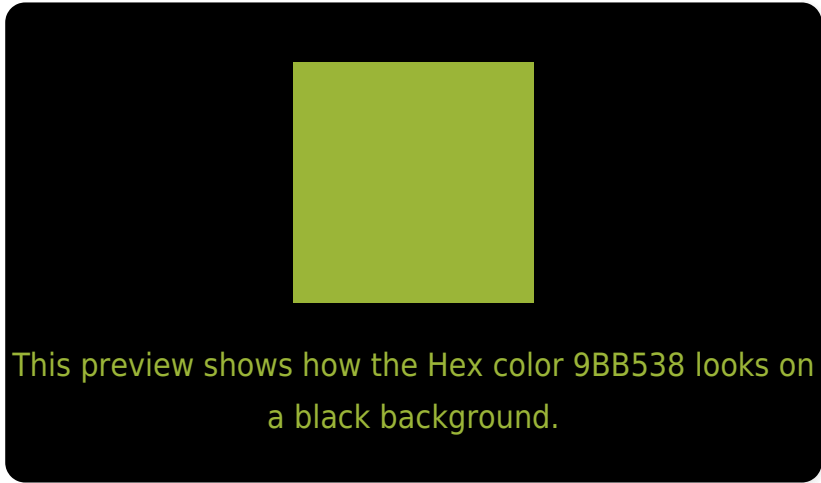
Large Text (above 18pt) WCAG AA × Fail

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 9BB538 Background



This preview shows how black text looks on a background with the Hex color 9BB538.

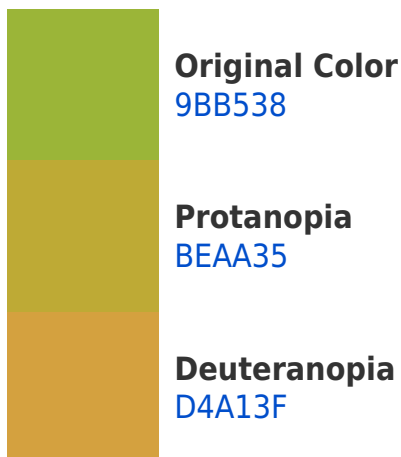


This preview shows how white text looks on a background with the Hex color 9BB538.

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](#).

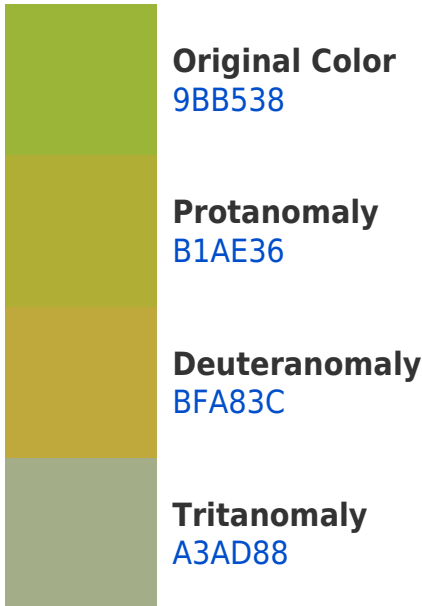
Dichromacy





Tritanopia
A8A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BB538 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 #9BB538 looks like.

```
.text, #text, p{  
    color:#9BB538  
}
```

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 #9BB538 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BB538
}
```

Border

The CSS property to change the border of an element to Hex 9BB538 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
#9BB538 }
```

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

```
.border{ border-color:#9BB538 }
```

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

Here you see how a box with a 4 pixel #9BB538 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BB538; -webkit-box-shadow:4px 4px  
4px 4px #9BB538; box-shadow:4px 4px 4px  
4px #9BB538 }
```

Background

The CSS property to change the background color of an element to Hex 9BB538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BB538 }
```

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

```
.background{ background-color:#9BB538 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor