

Converting Colors

Hex(9AB049)

Have a look what the booklet for
Hex(9AB049) contains.

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Color

Hex(9AB049)

Conversions

Conversions Part 1

Format	Color
Hex	9AB049
RGB	154, 176, 73
RGB Percent	60%, 69%, 29%
CMY	0.3961, 0.3098, 0.7137
CMYK	0.13, 0.00, 0.59, 0.31
HSL	73°, 41%, 49%
HSV	73°, 59%, 69%
XYZ	30.0544, 38.4017, 12.1316
YIQ	157.6800, 19.9510, -36.6970

Conversions

Conversions Part 2

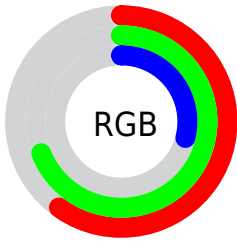
Format	Color
RYB	73, 176, 95
Decimal	10137673
CIELab	68.32, -22.79, 49.13
CIELCh	68, 54.162, 114.885
Yxy	38.4017, 0.3729, 0.4765
Android (android.graphics.Color)	4288327753 (0xFF9AB049)
YUV	157.6800, -41.7472, -3.2274
Hunter-Lab	61.9691, -21.8754, 31.7713

Details

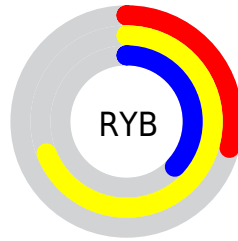
The Hex color **9AB049** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5F49B0**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **D2E87D**, and **647B12** is the 20% darker color. If you saturate the color by 10%, you get **96B037**, and if you desaturate by 10%, it is **9EB05B**.

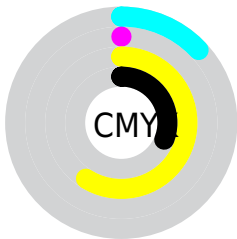
Distribution



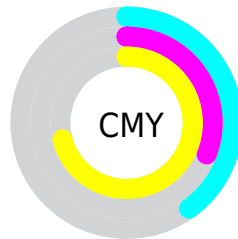
- Red (60%)
- Green (69%)
- Blue (29%)



- Red (29%)
- Yellow (69%)
- Blue (37%)



- Cyan (13%)
- Magenta (0%)
- Yellow (59%)
- Black (31%)



- Cyan (40%)
- Magenta (31%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AB049 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 9AB049 by changing the saturation by 10% instead.



9AB049



9AB049

FFFFFF



7F952F



D2E87D



647B12



EFFF98



4A6300



FFFFB4



324B00



FFFF00



173400



FFFED



002000



000000



9AB049



9AB049



96B037



9EB05B

 92B026

 A2B06C

 8FB014

 A5B07E

 8BB003

 A9B08F

 8AB000

 ADB0A1

 B1B0B3

 B4B0C4

 B8B0D6

 BCB0E7

Harmonies

Analogous

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



CAA141



9AB049



5DBA6C

Triad

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



9AB049



00BAF6



FC7DB1

Complementary

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



9AB049



5F49B0

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.



DB89E0



9AB049



17AEFF

Square

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



9AB049



00BFCE



9B9DFE



FF7F80

Rectangle

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



9AB049



00BD8B



9B9DFF



F47FC1

Sweetspot

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



9AB049



DDE6BC



B05E49



6D735A



F2F2F2



737373

Same Dimension

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



9AB049



C3E645



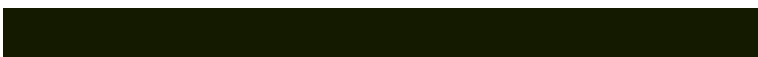
68B049



575950



789900



141A00

Inverse Universe

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



5F49B0



6745E6



9149B0



525059



210099



05001A

Previews

White Background



This preview shows how the Hex color 9AB049 looks on a white background.

Color Contrast Check

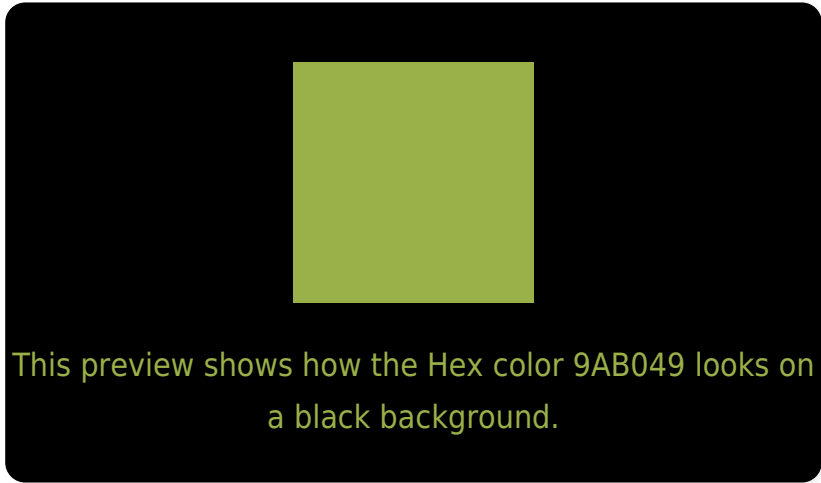
Large Text (above 18pt) WCAG AA × Fail

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 9AB049 Background



This preview shows how black text looks on a background with the Hex color 9AB049.

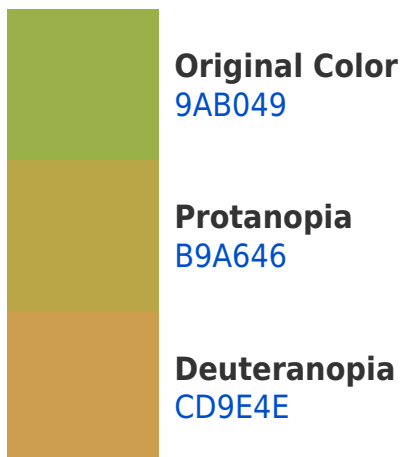


This preview shows how white text looks on a background with the Hex color 9AB049.

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](#).

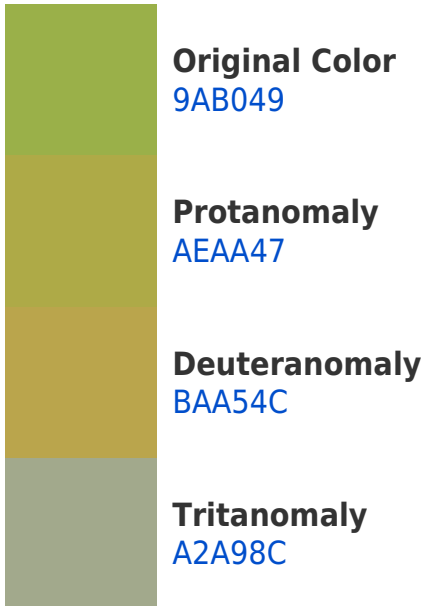
Dichromacy



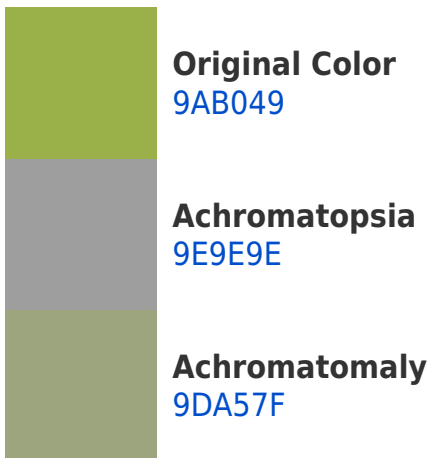


Tritanopia
A6A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AB049 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 #9AB049 looks like.

```
.text, #text, p{  
    color:#9AB049  
}
```

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 #9AB049 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AB049
}
```

Border

The CSS property to change the border of an element to Hex 9AB049 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
#9AB049 }
```

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

```
.border{ border-color:#9AB049 }
```

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

Here you see how a box with a 4 pixel #9AB049 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AB049; -webkit-box-shadow:4px 4px  
4px 4px #9AB049; box-shadow:4px 4px 4px  
4px #9AB049 }
```

Background

The CSS property to change the background color of an element to Hex 9AB049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AB049 }
```

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

```
.background{ background-color:#9AB049 }
```

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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