

Converting Colors

Hex(9AB946)

Have a look what the booklet for
Hex(9AB946) contains.

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Color

Hex(9AB946)

Conversions

Conversions Part 1

Format	Color
Hex	9AB946
RGB	154, 185, 70
RGB Percent	60%, 73%, 27%
CMY	0.3961, 0.2745, 0.7255
CMYK	0.17, 0.00, 0.62, 0.27
HSL	76°, 45%, 50%
HSV	76°, 62%, 73%
XYZ	31.7809, 42.0101, 12.2281
YIQ	162.6210, 18.4390, -42.3370

Conversions

Conversions Part 2

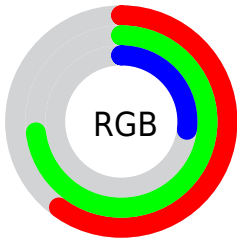
Format	Color
RYB	70, 185, 101
Decimal	10139974
CIELab	70.88, -27.43, 53.30
CIELCh	71, 59.943, 117.237
Yxy	42.0101, 0.3695, 0.4884
Android (android.graphics.Color)	4288330054 (0xFF9AB946)
YUV	162.6210, -45.6622, -7.5606
Hunter-Lab	64.8152, -25.9027, 34.1850

Details

The Hex color **9AB946** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **6546B9**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **D3F17B**, and **648409** is the 20% darker color. If you saturate the color by 10%, you get **95B934**, and if you desaturate by 10%, it is **9FB959**.

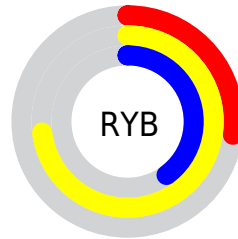
Distribution



Red (60%)

Green (73%)

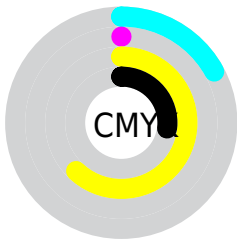
Blue (27%)



Red (27%)

Yellow (73%)

Blue (40%)

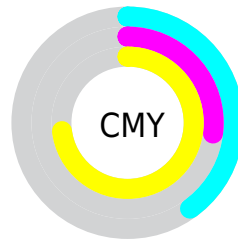


Cyan (17%)

Magenta (0%)

Yellow (62%)

Black (27%)



Cyan (40%)

Magenta (27%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AB946 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 9AB946 by changing the saturation by 10% instead.

 9AB946

 9AB946

FFFFFF

 7F9E2B

 D3F17B

 648409

 F0FF96

 496B00

 FFFFB2

 305200

 FFFFCE

 133B00

 FFFFEB

 002500

 000600

 000000

 9AB946

 9AB946

■ 95B934

■ 9FB959

■ 90B921

■ A4B96B

■ 8BB90E

■ A9B97E

■ 87B900

■ AEB990

■ B3B9A3

■ B8B9B5

■ BDB9C8

■ C2B9DA

■ C7B9ED

Harmonies

Analogous

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



D0A93A



9AB946



51C370

Triad

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



9AB946



00C2FF



FF7DB5

Complementary

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



9AB946



6546B9

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.



EB8BE9



9AB946



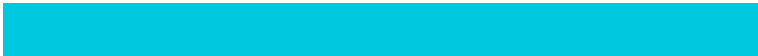
00B5FF

Square

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



9AB946



00C8DE



A7A1FF



FF827F

Rectangle

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



9AB946



00C793



A7A1FF



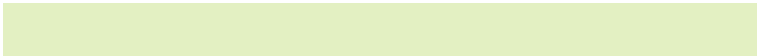
FF80C7

Sweetspot

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



9AB946



E3F0C2



B96546



70785C



F7F7F7



787878

Same Dimension

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



9AB946



BFF03C



61B946



595C53



729C00



141C00

Inverse Universe

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



6546B9



6C3CF0



9E46B9



55535C



2A009C



08001C

Previews

White Background



This preview shows how the Hex color 9AB946 looks on a white background.

Color Contrast Check

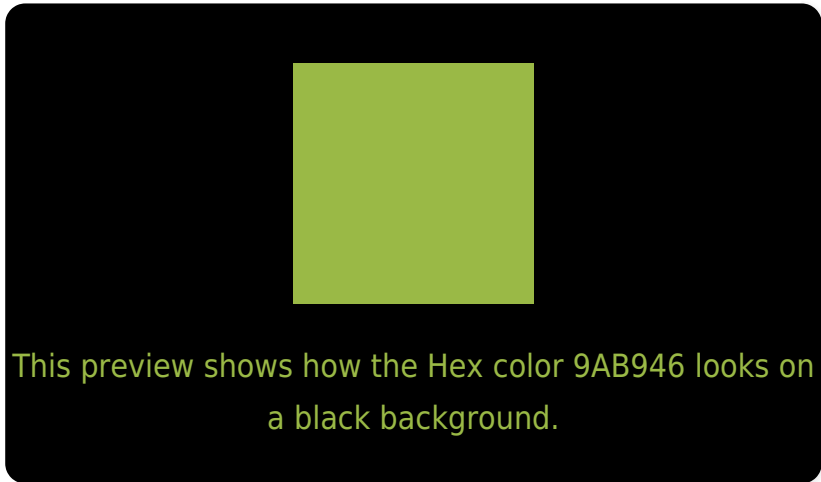
Large Text (above 18pt) WCAG AA × Fail

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 9AB946 Background



This preview shows how black text looks on a background with the Hex color 9AB946.



This preview shows how white text looks on a background with the Hex color 9AB946.

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
9AB946

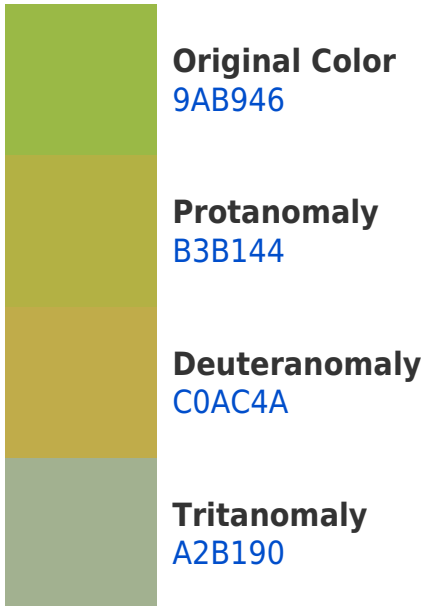
Protanopia
C1AD43

Deuteranopia
D6A54C

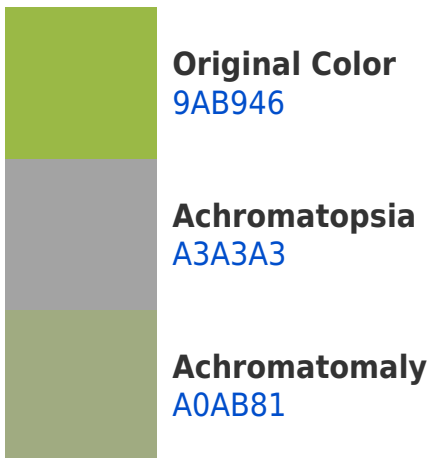


Tritanopia
A7ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AB946 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 #9AB946 looks like.

```
.text, #text, p{  
    color:#9AB946  
}
```

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 #9AB946 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AB946
}
```

Border

The CSS property to change the border of an element to Hex 9AB946 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
#9AB946 }
```

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

```
.border{ border-color:#9AB946 }
```

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

Here you see how a box with a 4 pixel #9AB946 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AB946; -webkit-box-shadow:4px 4px  
4px 4px #9AB946; box-shadow:4px 4px 4px  
4px #9AB946 }
```

Background

The CSS property to change the background color of an element to Hex 9AB946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AB946 }
```

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

```
.background{ background-color:#9AB946 }
```

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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