

Converting Colors

Hex(9AB248)

Have a look what the booklet for
Hex(9AB248) contains.

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Color

Hex(9AB248)

Conversions

Conversions Part 1

Format	Color
Hex	9AB248
RGB	154, 178, 72
RGB Percent	60%, 70%, 28%
CMY	0.3961, 0.3020, 0.7176
CMYK	0.13, 0.00, 0.60, 0.30
HSL	74°, 42%, 49%
HSV	74°, 60%, 70%
XYZ	30.4165, 39.1787, 12.0900
YIQ	158.7400, 19.7220, -38.0540

Conversions

Conversions Part 2

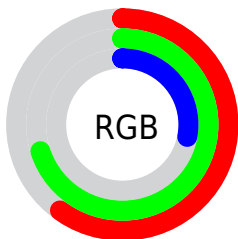
Format	Color
RYB	72, 178, 96
Decimal	10138184
CIELab	68.88, -23.86, 50.22
CIELCh	69, 55.599, 115.417
Yxy	39.1787, 0.3724, 0.4796
Android (android.graphics.Color)	4288328264 (0xFF9AB248)
YUV	158.7400, -42.7628, -4.1570
Hunter-Lab	62.5929, -22.7969, 32.3630

Details

The Hex color **9AB248** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **6048B2**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **D2EA7C**, and **647D10** is the 20% darker color. If you saturate the color by 10%, you get **96B236**, and if you desaturate by 10%, it is **9EB25A**.

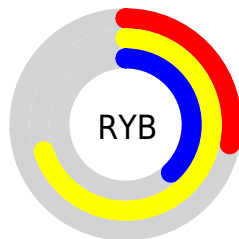
Distribution



Red (60%)

Green (70%)

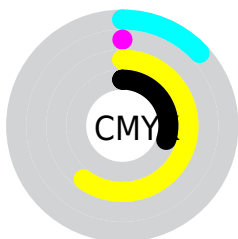
Blue (28%)



Red (28%)

Yellow (70%)

Blue (38%)

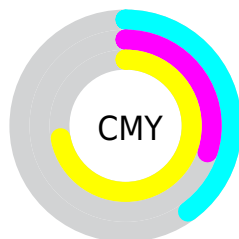


Cyan (13%)

Magenta (0%)

Yellow (60%)

Black (30%)



Cyan (40%)

Magenta (30%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AB248 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 9AB248 by changing the saturation by 10% instead.



9AB248



9AB248

FFFFFF



7F972E



D2EA7C



647D10



F0FF97



4A6400



FFFFB3



314C00



FFFFCF



163500



FFFEC



002100



000000



9AB248



9AB248



96B236



9EB25A

■ 92B224

■ A2B26C

■ 8EB213

■ A6B27D

■ 8AB201

■ AAB28F

■ 8AB200

■ AEB2A1

■ B2B2B3

■ B6B2C5

■ BAB2D6

■ BEB2E8

Harmonies

Analogous

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



CBA33F



9AB248



5ABC6D

Triad

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



9AB248



00BBFA



FF7DB2

Complementary

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



9AB248



6048B2

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.



DF8AE2



9AB248



0CB0FF

Square

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



9AB248



00C1D2



9E9EFF



FF8080

Rectangle

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



9AB248



00C08D



9E9EFF



F87FC3

Sweetspot

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



9AB248



DFE8BE



B25F48



6F755B



F5F5F5



757575

Same Dimension

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



9AB248



C3E843



66B248



575950



769900



141A00

Inverse Universe

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



6048B2



6943E8



9448B2



525059



230099



06001A

Previews

White Background



This preview shows how the Hex color 9AB248 looks on a white background.

Color Contrast Check

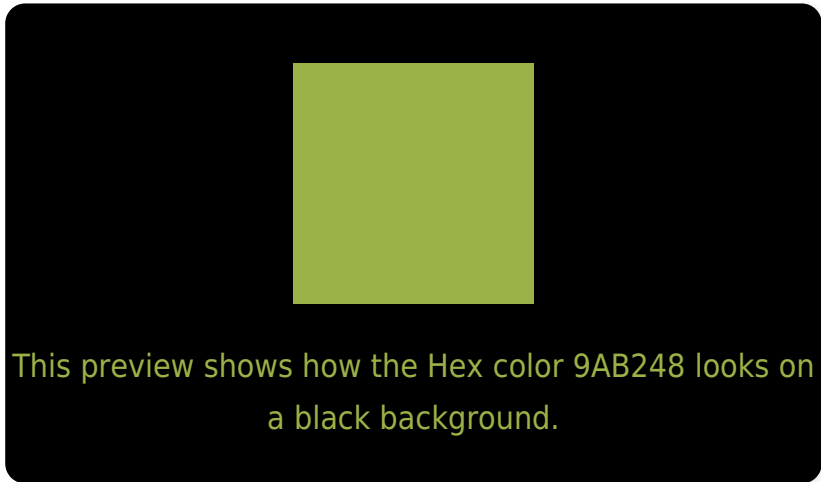
Large Text (above 18pt) WCAG AA × Fail

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 9AB248 Background



This preview shows how black text looks on a background with the Hex color 9AB248.



This preview shows how white text looks on a background with the Hex color 9AB248.

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
9AB248

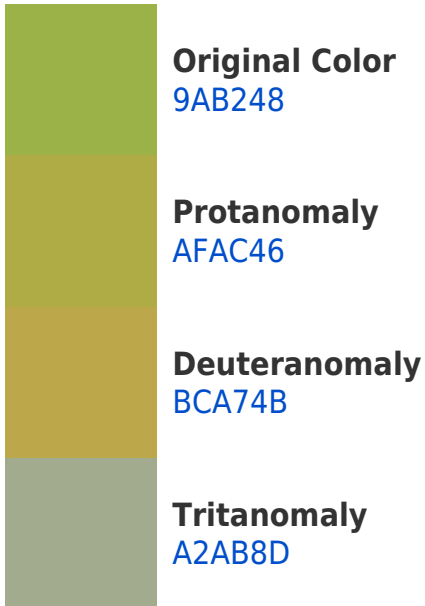
Protanopia
BBA845

Deuteranopia
CFA04D

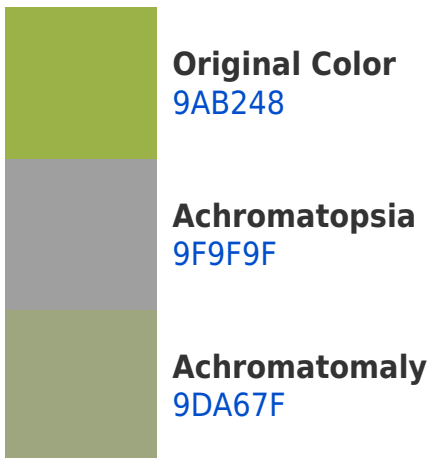


Tritanopia
A6A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AB248 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 #9AB248 looks like.

```
.text, #text, p{  
    color:#9AB248  
}
```

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 #9AB248 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AB248
}
```

Border

The CSS property to change the border of an element to Hex 9AB248 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
#9AB248 }
```

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

```
.border{ border-color:#9AB248 }
```

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

Here you see how a box with a 4 pixel #9AB248 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AB248; -webkit-box-shadow:4px 4px  
4px 4px #9AB248; box-shadow:4px 4px 4px  
4px #9AB248 }
```

Background

The CSS property to change the background color of an element to Hex 9AB248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AB248 }
```

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

```
.background{ background-color:#9AB248 }
```

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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