

Converting Colors

Hex(9CB24A)

Have a look what the booklet for
Hex(9CB24A) contains.

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Color

Hex(9CB24A)

Conversions

Conversions Part 1

Format	Color
Hex	9CB24A
RGB	156, 178, 74
RGB Percent	61%, 70%, 29%
CMY	0.3882, 0.3020, 0.7098
CMYK	0.12, 0.00, 0.58, 0.30
HSL	73°, 41%, 49%
HSV	73°, 58%, 70%
XYZ	30.8667, 39.4031, 12.4573
YIQ	159.5660, 20.2720, -37.0080

Conversions

Conversions Part 2

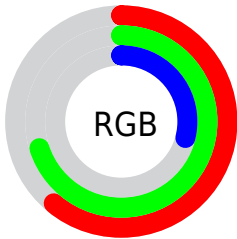
Format	Color
RYB	74, 178, 96
Decimal	10269258
CIELab	69.04, -22.88, 49.53
CIElCh	69, 54.562, 114.795
Yxy	39.4031, 0.3731, 0.4763
Android (android.graphics.Color)	4288459338 (0xFF9CB24A)
YUV	159.5660, -42.1840, -3.1274
Hunter-Lab	62.7719, -22.0773, 32.1740

Details

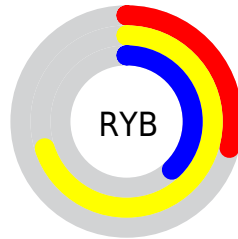
The Hex color **9CB24A** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **604AB2**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **D4EA7E**, and **667D13** is the 20% darker color. If you saturate the color by 10%, you get **98B238**, and if you desaturate by 10%, it is **A0B25C**.

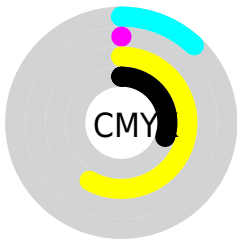
Distribution



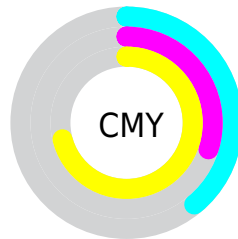
- Red (61%)
- Green (70%)
- Blue (29%)



- Red (29%)
- Yellow (70%)
- Blue (38%)



- Cyan (12%)
- Magenta (0%)
- Yellow (58%)
- Black (30%)



- Cyan (39%)
- Magenta (30%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CB24A 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 9CB24A by changing the saturation by 10% instead.



9CB24A



9CB24A

FFFFFF



819730



D4EA7E



667D13



F2FF99



4C6400



FFFF85



334C00



FFFFD1



193500



FFFFEE



002100



000000



9CB24A



9CB24A




98B238



A0B25C

 94B226

 A4B26E

 91B215

 A7B27F

 8DB203

 ABB291

 8CB200

 AFB2A3

 B3B2B5

 B6B2C7

 BAB2D8

 BEB2EA

Harmonies

Analogous

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



CCA342



9CB24A



5EBC6D

Triad

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



9CB24A



00BCF8



FE7EB3

Complementary

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



9CB24A



604AB2

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.



DD8BE2



9CB24A



17B0FF

Square

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



9CB24A



00C1D0



9D9FFF



FF8182

Rectangle

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



9CB24A



00C08D



9D9FFF



F781C4

Sweetspot

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



9CB24A



DFE8BE



B25F4A



70755B



F5F5F5



757575

Same Dimension

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



9CB24A



C6E846



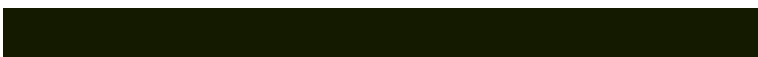
69B24A



575950



799900



141A00

Inverse Universe

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



604AB2



6846E8



934AB2



525059



200099



05001A

Previews

White Background



This preview shows how the Hex color 9CB24A looks on a white background.

Color Contrast Check

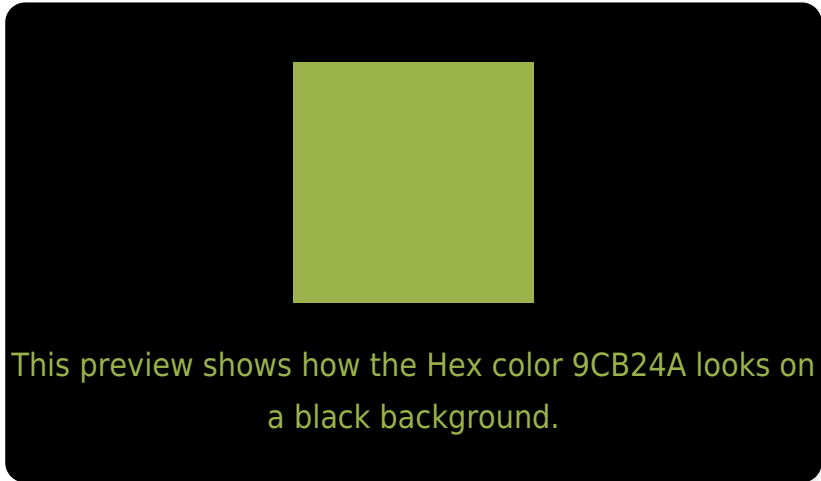
Large Text (above 18pt) WCAG AA × Fail

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 9CB24A Background



This preview shows how black text looks on a background with the Hex color 9CB24A.



This preview shows how white text looks on a background with the Hex color 9CB24A.

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
9CB24A

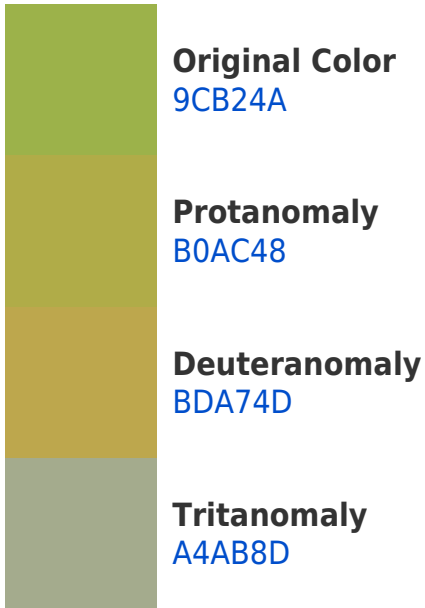
Protanopia
BBA847

Deuteranopia
D0A04F

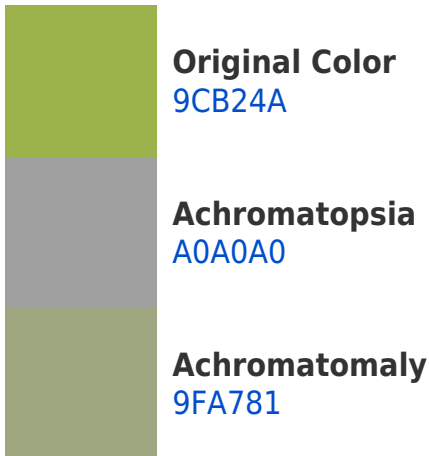


Tritanopia
A8A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CB24A 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 #9CB24A looks like.

```
.text, #text, p{  
    color:#9CB24A  
}
```

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 #9CB24A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CB24A
}
```

Border

The CSS property to change the border of an element to Hex 9CB24A 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
#9CB24A }
```

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

```
.border{ border-color:#9CB24A }
```

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

Here you see how a box with a 4 pixel #9CB24A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CB24A; -webkit-box-shadow:4px 4px  
4px 4px #9CB24A; box-shadow:4px 4px 4px  
4px #9CB24A }
```

Background

The CSS property to change the background color of an element to Hex 9CB24A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CB24A }
```

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

```
.background{ background-color:#9CB24A }
```

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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