

Converting Colors

Hex(9BB24D)

Have a look what the booklet for
Hex(9BB24D) contains.

Hex(9BB24D)	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(9BB24D)

Conversions

Conversions Part 1

Format	Color
Hex	9BB24D
RGB	155, 178, 77
RGB Percent	61%, 70%, 30%
CMY	0.3922, 0.3020, 0.6980
CMYK	0.13, 0.00, 0.57, 0.30
HSL	74°, 40%, 50%
HSV	74°, 57%, 70%
XYZ	30.7775, 39.3452, 12.9934
YIQ	159.6090, 18.7130, -36.2870

Conversions

Conversions Part 2

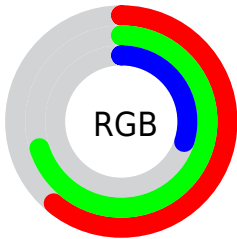
Format	Color
RYB	77, 178, 100
Decimal	10203725
CIELab	69.00, -23.03, 48.09
CIELCh	69, 53.319, 115.594
Yxy	39.3452, 0.3703, 0.4734
Android (android.graphics.Color)	4288393805 (0xFF9BB24D)
YUV	159.6090, -40.7262, -4.0421
Hunter-Lab	62.7257, -22.1858, 31.6263

Details

The Hex color **9BB24D** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **644DB2**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **D3EA81**, and **657D18** is the 20% darker color. If you saturate the color by 10%, you get **97B23B**, and if you desaturate by 10%, it is **9FB25F**.

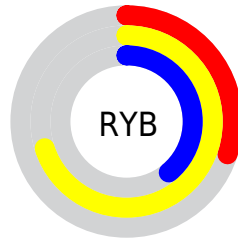
Distribution



Red (61%)

Green (70%)

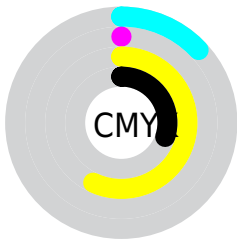
Blue (30%)



Red (30%)

Yellow (70%)

Blue (39%)

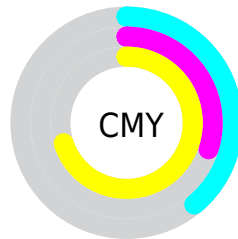


Cyan (13%)

Magenta (0%)

Yellow (57%)

Black (30%)



Cyan (39%)

Magenta (30%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BB24D 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 9BB24D by changing the saturation by 10% instead.



9BB24D



9BB24D

FFFFFF



809733



D3EA81



657D18



F0FF9C



4B6400



FFFFB8



334C00



FFFFD4



183500



FFFFFF1



002100



000000



9BB24D



9BB24D



97B23B



9FB25F

 93B229

 A3B271

 8FB218

 A7B282

 8BB206

 ABB294

 89B200

 AFB2A6

 B3B2B8

 B7B2CA

 BBB2DB

 BFB2ED

Harmonies

Analogous

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



CAA344



9BB24D



5FBC70

Triad

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



9BB24D



00BBF7



FD7FB2

Complementary

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



9BB24D



644DB2

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.



DD8BE0



9BB24D



2DB0FF

Square

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



9BB24D



00C0D1



A09FFF



FF8281

Rectangle

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



9BB24D



09BF8F



A09FFF



F682C2

Sweetspot

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



9BB24D



DFE8C1



B2634D



70755E



F5F5F5



757575

Same Dimension

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



9BB24D



C4E84A



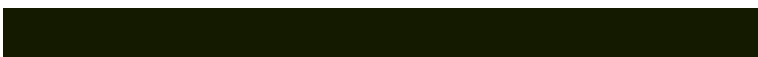
6AB24D



575950



769900



141A00

Inverse Universe

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



644DB2



6E4AE8



954DB2



525059



230099



06001A

Previews

White Background



This preview shows how the Hex color 9BB24D looks on a white background.

Color Contrast Check

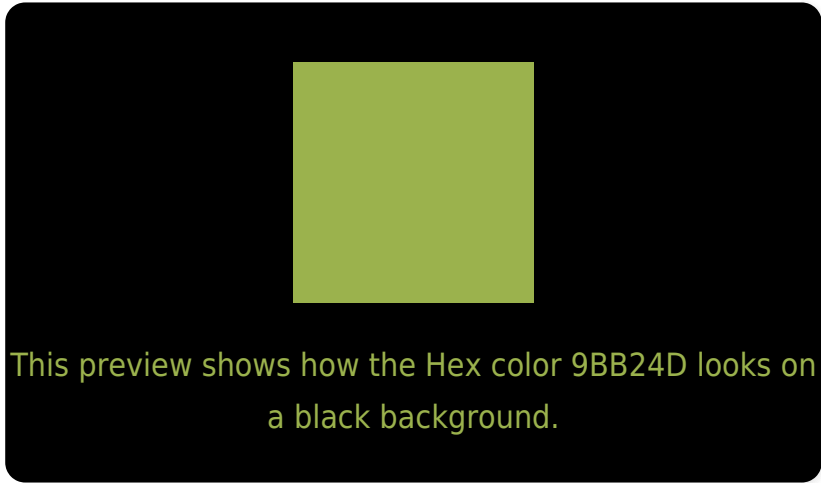
Large Text (above 18pt) WCAG AA × Fail

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 9BB24D Background



This preview shows how black text looks on a background with the Hex color 9BB24D.

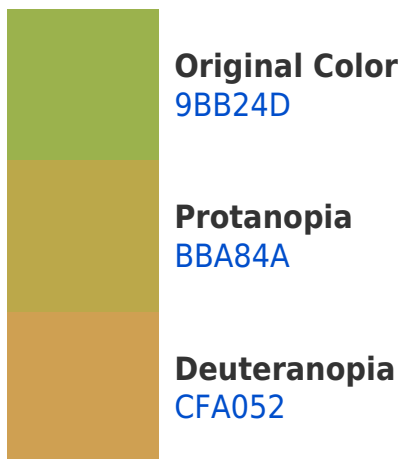


This preview shows how white text looks on a background with the Hex color 9BB24D.

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](#).

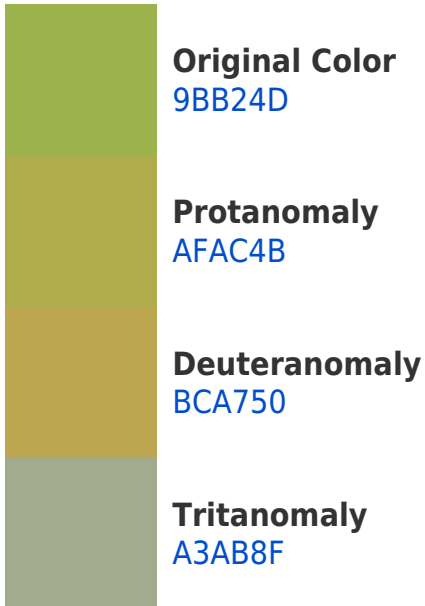
Dichromacy



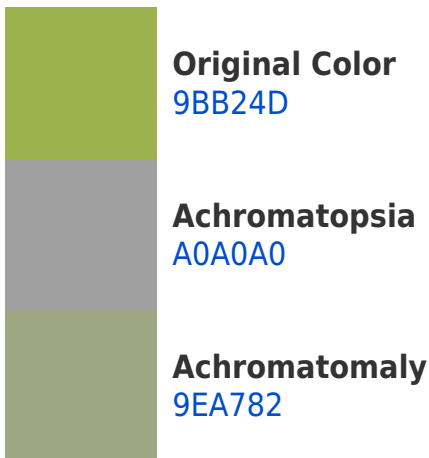


Tritanopia
A7A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BB24D 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 #9BB24D looks like.

```
.text, #text, p{  
    color:#9BB24D  
}
```

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 #9BB24D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BB24D
}
```

Border

The CSS property to change the border of an element to Hex 9BB24D 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
#9BB24D }
```

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

```
.border{ border-color:#9BB24D }
```

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

Here you see how a box with a 4 pixel #9BB24D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BB24D; -webkit-box-shadow:4px 4px  
4px 4px #9BB24D; box-shadow:4px 4px 4px  
4px #9BB24D }
```

Background

The CSS property to change the background color of an element to Hex 9BB24D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BB24D }
```

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

```
.background{ background-color:#9BB24D }
```

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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