

Converting Colors

Hex(99B951)

Have a look what the booklet for
Hex(99B951) contains.

Hex(99B951)	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(99B951)

Conversions

Conversions Part 1

Format	Color
Hex	99B951
RGB	153, 185, 81
RGB Percent	60%, 73%, 32%
CMY	0.4000, 0.2745, 0.6824
CMYK	0.17, 0.00, 0.56, 0.27
HSL	78°, 43%, 52%
HSV	78°, 56%, 73%
XYZ	31.9710, 42.0643, 14.2188
YIQ	163.5760, 14.3120, -39.1280

Conversions

Conversions Part 2

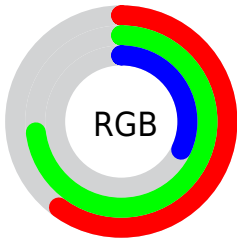
Format	Color
RYB	81, 185, 113
Decimal	10074449
CIELab	70.92, -26.90, 48.39
CIELCh	71, 55.362, 119.076
Yxy	42.0643, 0.3623, 0.4766
Android (android.graphics.Color)	4288264529 (0xFF99B951)
YUV	163.5760, -40.7100, -9.2752
Hunter-Lab	64.8570, -25.5088, 32.4016

Details

The Hex color **99B951** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **7151B9**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **D1F185**, and **63841C** is the 20% darker color. If you saturate the color by 10%, you get **93B93E**, and if you desaturate by 10%, it is **9FB964**.

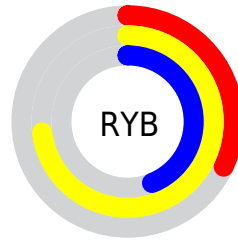
Distribution



Red (60%)

Green (73%)

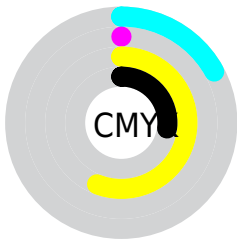
Blue (32%)



Red (32%)

Yellow (73%)

Blue (44%)

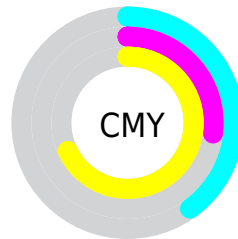


Cyan (17%)

Magenta (0%)

Yellow (56%)

Black (27%)



Cyan (40%)

Magenta (27%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99B951 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 99B951 by changing the saturation by 10% instead.

 99B951

 99B951

FFFFFF

 7E9E37

 D1F185

 63841C


 EEFFA1

 496A00

 FFFFBC

 305200

 FFFFD9

 153B00

 FFFFF6

 002500

 000600

 000000

 99B951

 99B951

■ 93B93E

■ 9FB964

■ 8EB92C

■ A4B976

■ 88B919

■ AAB989

■ 82B907

■ B0B99B

■ 80B900

■ B5B9AD

■ BBB9C0

■ C1B9D3

■ C7B9E5

■ CCB9F7

Harmonies

Analogous

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



CCAA44



99B951



57C278

Triad

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



99B951



00C0FF



FF82B1

Complementary

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



99B951



7151B9

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.



EA8DE2



99B951



41B3FF

Square

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



99B951



00C6DD



ADA1FF



FF877F

Rectangle

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



99B951



00C699



ADA1FF



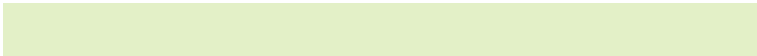
FF84C2

Sweetspot

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



99B951



E3F0C7



B97051



707860



F7F7F7



787878

Same Dimension

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



99B951



BEF04F



66B951



595C53



6C9C00



131C00

Inverse Universe

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



7151B9



814FF0



A451B9



55535C



30009C



09001C

Previews

White Background



This preview shows how the Hex color 99B951 looks on a white background.

Color Contrast Check

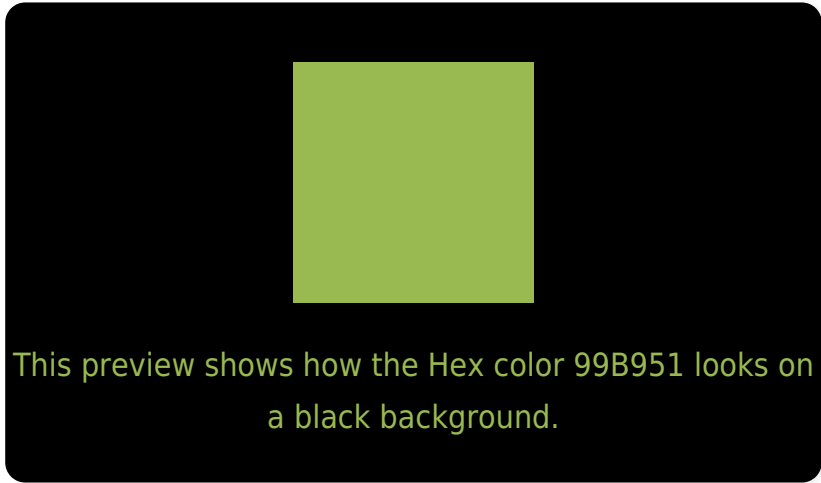
Large Text (above 18pt) WCAG AA × Fail

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 99B951 Background



This preview shows how black text looks on a background with the Hex color 99B951.

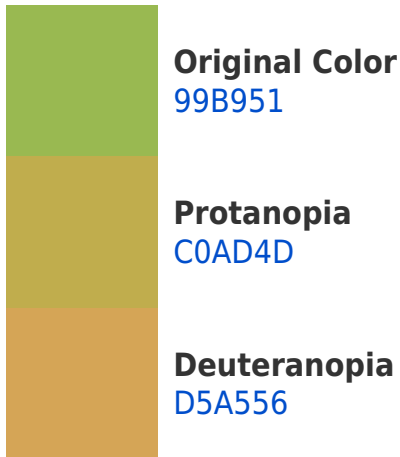


This preview shows how white text looks on a background with the Hex color 99B951.

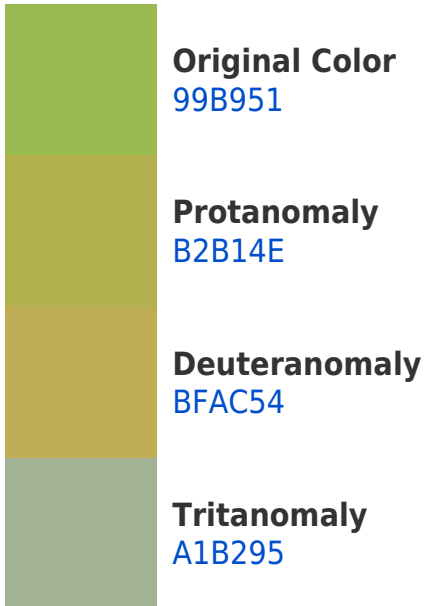
Color Blindness Simulation

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](#).

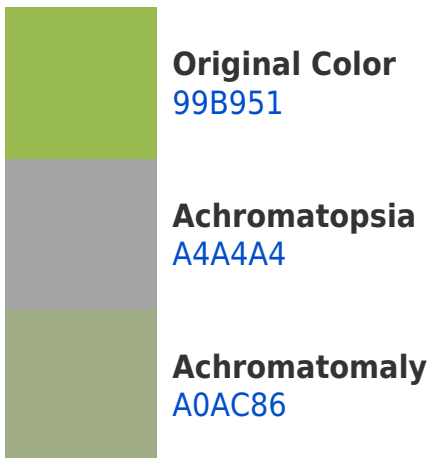
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99B951 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 #99B951 looks like.

```
.text, #text, p{  
    color:#99B951  
}
```

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 #99B951 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99B951
}
```

Border

The CSS property to change the border of an element to Hex 99B951 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
#99B951 }
```

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

```
.border{ border-color:#99B951 }
```

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

Here you see how a box with a 4 pixel #99B951 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99B951; -webkit-box-shadow:4px 4px  
4px 4px #99B951; box-shadow:4px 4px 4px  
4px #99B951 }
```

Background

The CSS property to change the background color of an element to Hex 99B951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99B951 }
```

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

```
.background{ background-color:#99B951 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor