

Converting Colors

Hex(99BF71)

Have a look what the booklet for
Hex(99BF71) contains.

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Color

Hex(99BF71)

Conversions

Conversions Part 1

Format	Color
Hex	99BF71
RGB	153, 191, 113
RGB Percent	60%, 75%, 44%
CMY	0.4000, 0.2510, 0.5569
CMYK	0.20, 0.00, 0.41, 0.25
HSL	89°, 38%, 60%
HSV	89°, 41%, 75%
XYZ	34.7483, 45.2262, 22.5209
YIQ	170.7460, 2.3900, -32.3140

Conversions

Conversions Part 2

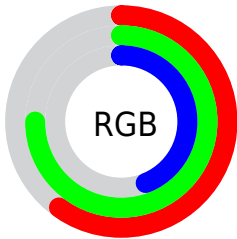
Format	Color
RYB	113, 191, 151
Decimal	10076017
CIELab	73.04, -26.27, 35.24
CIELCh	73, 43.957, 126.708
Yxy	45.2262, 0.3390, 0.4413
Android (android.graphics.Color)	4288266097 (0xFF99BF71)
YUV	170.7460, -28.4688, -15.5632
Hunter-Lab	67.2504, -25.4572, 27.2202

Details

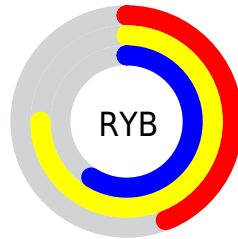
The Hex color **99BF71** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9771BF**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **D0F8A6**, and **64893F** is the 20% darker color. If you saturate the color by 10%, you get **90BF5E**, and if you desaturate by 10%, it is **A2BF84**.

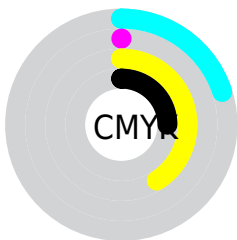
Distribution



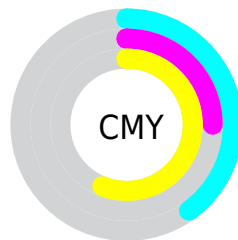
- Red (60%)
- Green (75%)
- Blue (44%)



- Red (44%)
- Yellow (75%)
- Blue (59%)



- Cyan (20%)
- Magenta (0%)
- Yellow (41%)
- Black (25%)



- Cyan (40%)
- Magenta (25%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99BF71 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 99BF71 by changing the saturation by 10% instead.



99BF71



99BF71

FFFFFF



7EA458



D0F8A6



64893F



EDFFC1



4B7027



FFFFDD



32570E



FFFFFA



1A4000



002900



001300



000000



99BF71



99BF71

90BF5E

A2BF84

86BF4B

ACBF97

7DBF38

B5BFAA

74BF25

BEBFBD

6ABF12

C8BFD1

62BF00

D1BFE4

DABFF7

E3BFFF

EDBFFF

Harmonies

Analogous

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



C4B462



99BF71



66C692

Triad

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



99BF71



29C0FC



FF93AC

Complementary

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



99BF71



9771BF

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.



ED98D4



99BF71



85B4FF

Square

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



99BF71



00C7E2



C3A5F4



FD9985

Rectangle

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



99BF71



38C8AD



C3A5F4



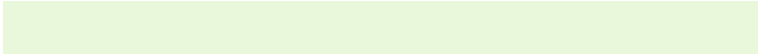
FC93B9

Sweetspot

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



99BF71



E9F7DA



BF9771



747D6B



FCFCFC



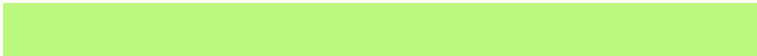
7D7D7D

Same Dimension

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



99BF71



BCF77E



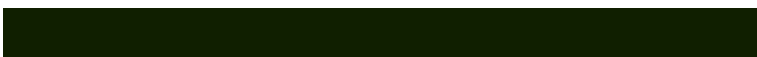
72BF71



5A5E55



519E00



101F00

Inverse Universe

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



9771BF



B97EF7



BE71BF



5A555E



4D009E



0F001F

Previews

White Background



This preview shows how the Hex color 99BF71 looks on a white background.

Color Contrast Check

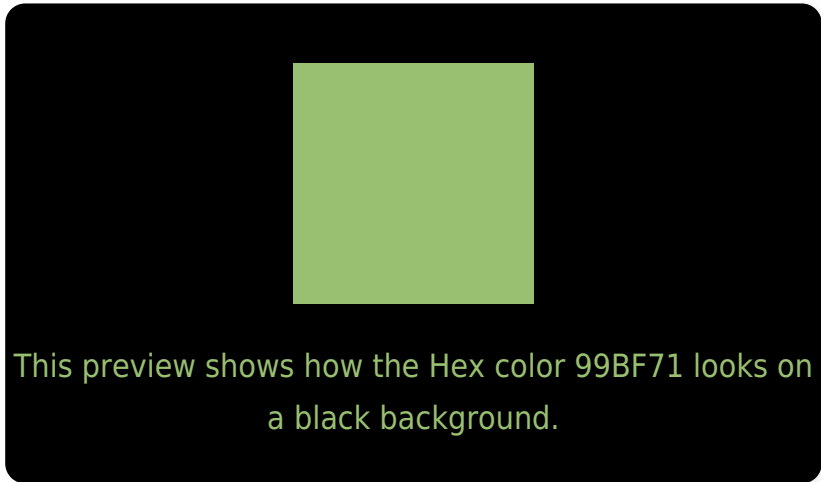
Large Text (above 18pt) WCAG AA × Fail

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 99BF71 Background



This preview shows how black text looks on a background with the Hex color 99BF71.

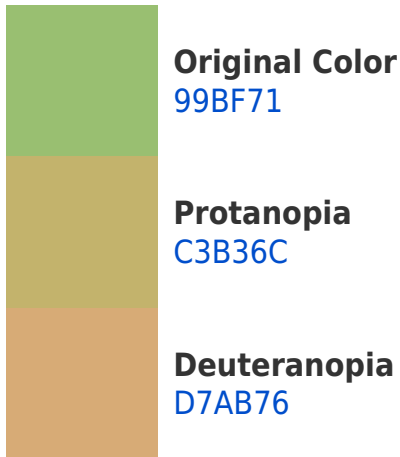


This preview shows how white text looks on a background with the Hex color 99BF71.

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](#).

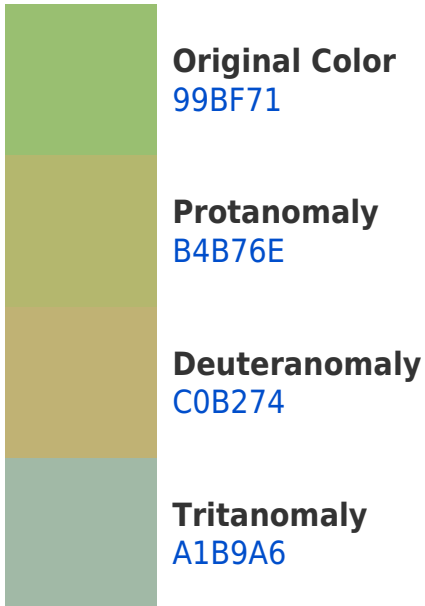
Dichromacy



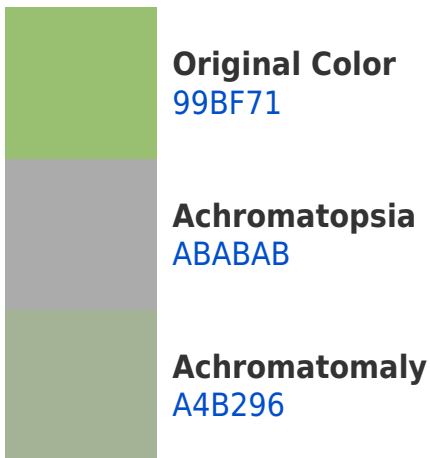


Tritanopia
A5B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99BF71 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 #99BF71 looks like.

```
.text, #text, p{  
    color:#99BF71  
}
```

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 #99BF71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99BF71
}
```

Border

The CSS property to change the border of an element to Hex 99BF71 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
#99BF71 }
```

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

```
.border{ border-color:#99BF71 }
```

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

Here you see how a box with a 4 pixel #99BF71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99BF71; -webkit-box-shadow:4px 4px  
4px 4px #99BF71; box-shadow:4px 4px 4px  
4px #99BF71 }
```

Background

The CSS property to change the background color of an element to Hex 99BF71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99BF71 }
```

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

```
.background{ background-color:#99BF71 }
```

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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