

Converting Colors

Hex(99B400)

Have a look what the booklet for
Hex(99B400) contains.

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Color

Hex(99B400)

Conversions

Conversions Part 1

Format	Color
Hex	99B400
RGB	153, 180, 0
RGB Percent	60%, 71%, 0%
CMY	0.4000, 0.2941, 1.0000
CMYK	0.15, 0.00, 1.00, 0.29
HSL	69°, 100%, 35%
HSV	69°, 100%, 71%
XYZ	29.4581, 39.4148, 6.0552
YIQ	151.4070, 41.6880, -61.7040

Conversions

Conversions Part 2

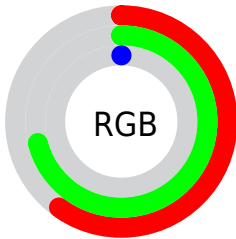
Format	Color
RYB	0, 180, 27
Decimal	10073088
CIELab	69.05, -28.23, 70.30
CIELCh	69, 75.754, 111.877
Yxy	39.4148, 0.3932, 0.5260
Android (android.graphics.Color)	4288263168 (0xFF99B400)
YUV	151.4070, -74.6437, 1.3971
Hunter-Lab	62.7812, -26.1116, 38.2284

Details

The Hex color **99B400** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **1B00B4**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **D3EC4E**, and **617F00** is the 20% darker color. If you saturate the color by 10%, you get **99B400**, and if you desaturate by 10%, it is **9CB412**.

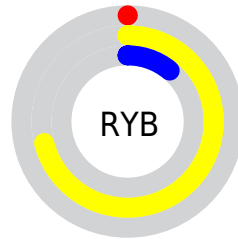
Distribution



Red (60%)

Green (71%)

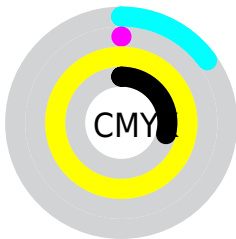
Blue (0%)



Red (0%)

Yellow (71%)

Blue (11%)

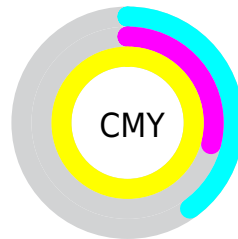


Cyan (15%)

Magenta (0%)

Yellow (100%)

Black (29%)



Cyan (40%)

Magenta (29%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99B400 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 99B400 by changing the saturation by 10% instead.

 99B400

 99B400

FFFFFF

 7D9900

 D3EC4E

 617F00

 F1FF6B

 466600

 FFFF87

 294E00

 FFFFA3

 0B3700

 FFFFC0

 002200

 FFFFDD

 000000

 FFFFFB

 99B400

 9CB412

 9EB424

 A1B436

 A4B448

 A6B45A

 A9B46C

 ACB47E

 AFB490

 B1B4A2

Harmonies

Analogous

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



D99F00



99B400



38C14D

Triad

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



99B400



00C3FF



FF64BE

Complementary

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



99B400



1B00B4

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.



E87EFE



99B400



00B6FF

Square

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



99B400



00C8DA



819EFF



FF677A

Rectangle

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



99B400



00C57B



819EFF



FF6BD5

Sweetspot

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



99B400



E0EBA4



B41B00



6F754B



F5F5F5



757575

Same Dimension

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



99B400



C7EB00



3FB400



585950



829900



161A00

Inverse Universe

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



1B00B4



2300EB



7500B4



525059



170099



04001A

Previews

White Background



This preview shows how the Hex color 99B400 looks on a white background.

Color Contrast Check

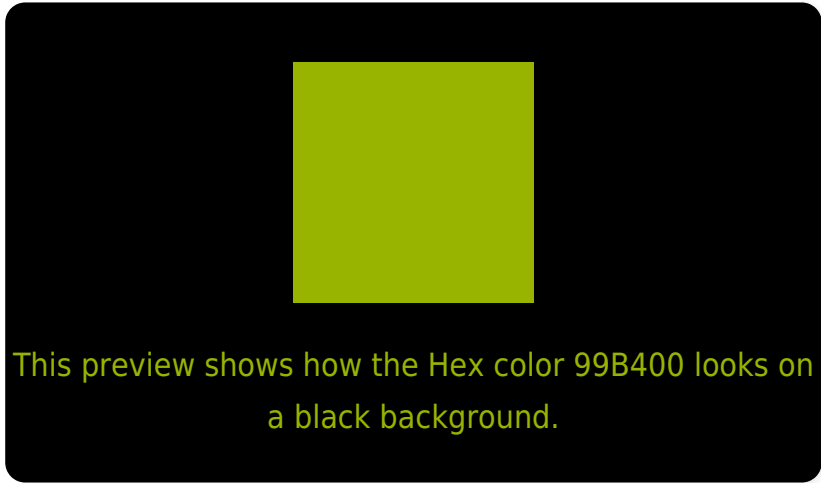
Large Text (above 18pt) WCAG AA × Fail

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 99B400 Background



This preview shows how black text looks on a background with the Hex color 99B400.

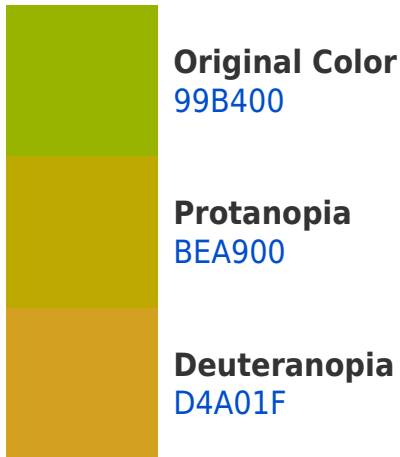


This preview shows how white text looks on a background with the Hex color 99B400.

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](#).

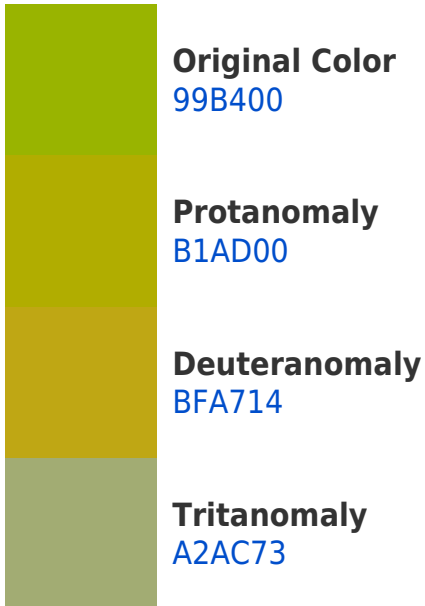
Dichromacy





Tritanopia
A7A7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99B400 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 #99B400 looks like.

```
.text, #text, p{  
    color:#99B400  
}
```

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 #99B400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99B400
}
```

Border

The CSS property to change the border of an element to Hex 99B400 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
#99B400 }
```

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

```
.border{ border-color:#99B400 }
```

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

Here you see how a box with a 4 pixel #99B400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99B400; -webkit-box-shadow:4px 4px  
4px 4px #99B400; box-shadow:4px 4px 4px  
4px #99B400 }
```

Background

The CSS property to change the background color of an element to Hex 99B400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99B400 }
```

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

```
.background{ background-color:#99B400 }
```

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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