

Converting Colors

Hex(99BD0B)

Have a look what the booklet for
Hex(99BD0B) contains.

Hex(99BD0B)	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(99BD0B)

Conversions

Conversions Part 1

Format	Color
Hex	99BD0B
RGB	153, 189, 11
RGB Percent	60%, 74%, 4%
CMY	0.4000, 0.2588, 0.9569
CMYK	0.19, 0.00, 0.94, 0.26
HSL	72°, 89%, 39%
HSV	72°, 94%, 74%
XYZ	31.3949, 43.1917, 6.9987
YIQ	157.9440, 35.6820, -62.9900

Conversions

Conversions Part 2

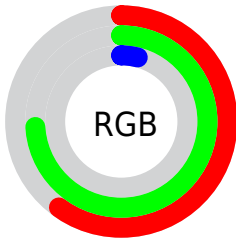
Format	Color
RYB	11, 189, 47
Decimal	10075403
CIELab	71.68, -32.32, 71.07
CIELCh	72, 78.071, 114.458
Yxy	43.1917, 0.3848, 0.5294
Android (android.graphics.Color)	4288265483 (0xFF99BD0B)
YUV	157.9440, -72.4434, -4.3359
Hunter-Lab	65.7204, -29.7405, 39.6903

Details

The Hex color **99BD0B** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **2F0BBD**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **D3F553**, and **618800** is the 20% darker color. If you saturate the color by 10%, you get **97BD00**, and if you desaturate by 10%, it is **9DBD1E**.

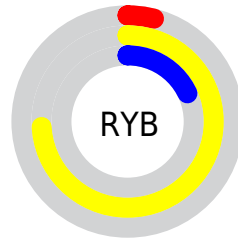
Distribution



Red (60%)

Green (74%)

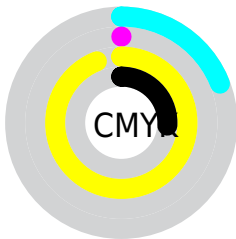
Blue (4%)



Red (4%)

Yellow (74%)

Blue (18%)

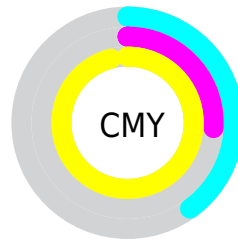


Cyan (19%)

Magenta (0%)

Yellow (94%)

Black (26%)



Cyan (40%)

Magenta (26%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99BD0B 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 99BD0B by changing the saturation by 10% instead.

 99BD0B

 99BD0B

FFFFFF

 7DA200

 D3F553

 618800

 F1FF70

 456E00

 FFFF8C

 285600

 FFFFA9

 053E00

 FFFFC6

 002800

 FFFF E3

 000B00

 000000

 99BD0B

 99BD0B

■ 97BD00

■ 9DBD1E

■ A1BD31

■ A4BD44

■ A8BD57

■ ACBD6A

■ B0BD7C

■ B4BD8F

■ B8BDA2

■ BBBDB5

Harmonies

Analogous

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



DDA800



99BD0B



28CA57

Triad

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



99BD0B



00CBFF



FF67C0

Complementary

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



99BD0B



2F0BBD

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.



F881FF



99BD0B



00BCFF

Square

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



99BD0B



00D0E9



93A2FF



FF6D79

Rectangle

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



99BD0B



00CE87



93A2FF



FF6DD8

Sweetspot

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



99BD0B



E7F5B0



BD2F0B



727A51



FAFAFA



7A7A7A

Same Dimension

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



99BD0B



C3F500



40BD0B



5C5E55



7E9E00



181F00

Inverse Universe

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



2F0BBD



3200F5



880BBD



57555E



20009E



06001F

Previews

White Background



This preview shows how the Hex color 99BD0B looks on a white background.

Color Contrast Check

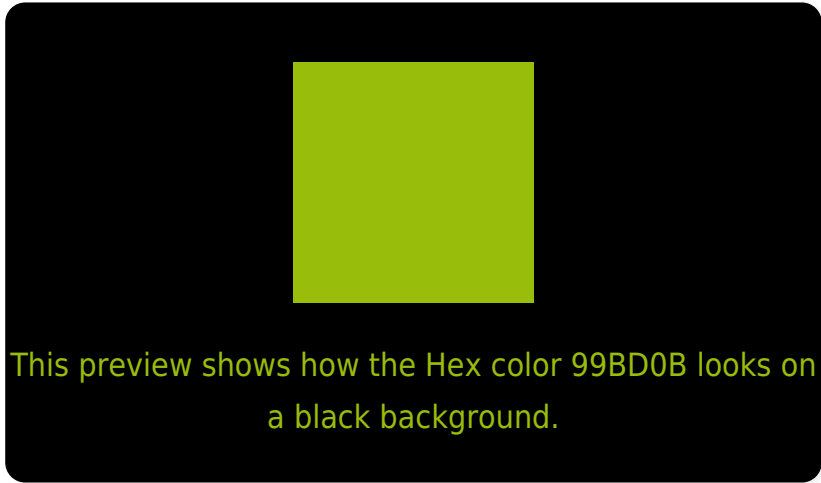
Large Text (above 18pt) WCAG AA × Fail

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 99BD0B Background



This preview shows how black text looks on a background with the Hex color 99BD0B.

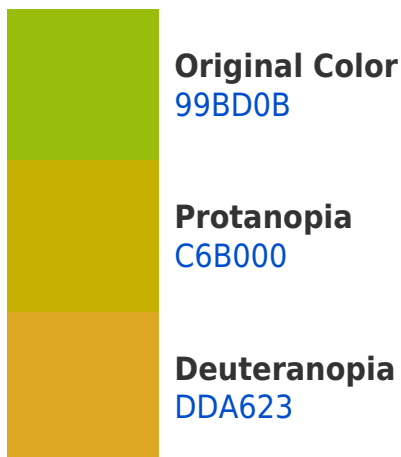


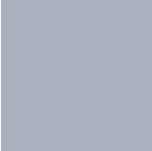
This preview shows how white text looks on a background with the Hex color 99BD0B.

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](#).

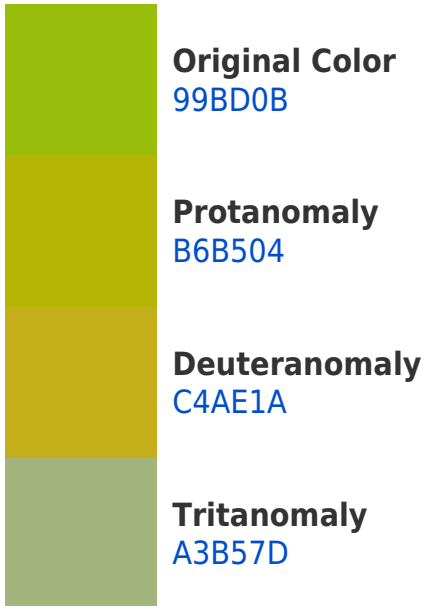
Dichromacy





Tritanopia
A9B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99BD0B 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 #99BD0B looks like.

```
.text, #text, p{  
    color:#99BD0B  
}
```

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 #99BD0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99BD0B  
}
```

Border

The CSS property to change the border of an element to Hex 99BD0B 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  
#99BD0B }
```

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

```
.border{ border-color:#99BD0B }
```

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

Here you see how a box with a 4 pixel #99BD0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99BD0B; -webkit-box-shadow:4px 4px  
4px 4px #99BD0B; box-shadow:4px 4px 4px  
4px #99BD0B }
```

Background

The CSS property to change the background color of an element to Hex 99BD0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99BD0B }
```

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

```
.background{ background-color:#99BD0B }
```

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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