

Converting Colors

Hex(99B80E)

Have a look what the booklet for
Hex(99B80E) contains.

Hex(99B80E)	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(99B80E)

Conversions

Conversions Part 1

Format	Color
Hex	99B80E
RGB	153, 184, 14
RGB Percent	60%, 72%, 5%
CMY	0.4000, 0.2784, 0.9451
CMYK	0.17, 0.00, 0.92, 0.28
HSL	71°, 86%, 39%
HSV	71°, 92%, 72%
XYZ	30.3566, 41.0850, 6.7457
YIQ	155.3510, 36.0940, -59.4420

Conversions

Conversions Part 2

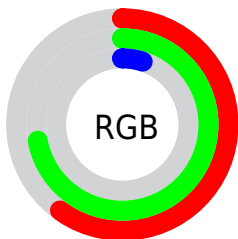
Format	Color
R _Y B	14, 184, 45
Decimal	10074126
CIE Lab	70.24, -29.93, 69.54
CIE LCh	70, 75.710, 113.285
Yxy	41.0850, 0.3883, 0.5255
Android (android.graphics.Color)	4288264206 (0xFF99B80E)
YUV	155.3510, -69.6860, -2.0618
Hunter-Lab	64.0976, -27.6331, 38.6286

Details

The Hex color **99B80E** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **2D0EB8**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **D3F053**, and **618300** is the 20% darker color. If you saturate the color by 10%, you get **96B800**, and if you desaturate by 10%, it is **9CB820**.

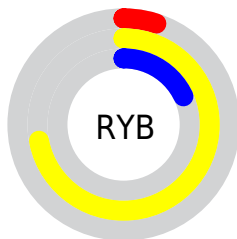
Distribution



Red (60%)

Green (72%)

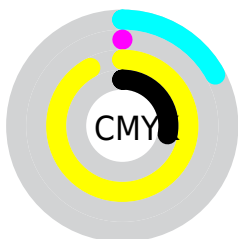
Blue (5%)



Red (5%)

Yellow (72%)

Blue (18%)

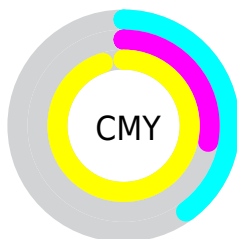


Cyan (17%)

Magenta (0%)

Yellow (92%)

Black (28%)



Cyan (40%)

Magenta (28%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99B80E 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 99B80E by changing the saturation by 10% instead.

 99B80E

 99B80E

FFFFFF

 7D9D00

 D3F053

 618300

 F1FF70

 466A00

 FFFF8C

 295100

 FFFFA8

 093A00

 FFFFC5

 002500

 FFFF E2

 000200

 000000

 99B80E

 99B80E

■ 96B800

■ 9CB820

■ A0B833

■ A3B845

■ A6B858

■ AAB86A

■ ADB87C

■ B0B88F

■ B4B8A1

■ B7B8B4

Harmonies

Analogous

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



DAA300



99B80E



34C554

Triad

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



99B80E



00C6FF



FF67BE

Complementary

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



99B80E



2D0EB8

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.



EF80FF



99B80E



00B8FF

Square

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



99B80E



00CBE0



8BA0FF



FF6B7A

Rectangle

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



99B80E



00C982



8BA0FF



FF6DD5

Sweetspot

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



99B80E



E3F0AD



B82A0E



70784F



F7F7F7



787878

Same Dimension

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



99B80E



C4F000



47B80E



5A5C53



7F9C00



171C00

Inverse Universe

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



2D0EB8



2C00F0



7F0EB8



54535C



1C009C



05001C

Previews

White Background



This preview shows how the Hex color 99B80E looks on a white background.

Color Contrast Check

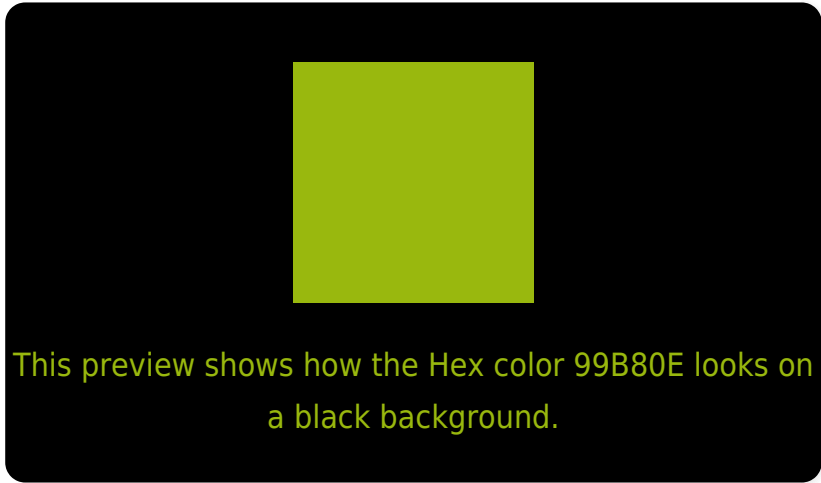
Large Text (above 18pt) WCAG AA × Fail

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 99B80E Background



This preview shows how black text looks on a background with the Hex color 99B80E.



This preview shows how white text looks on a background with the Hex color 99B80E.

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



Original Color
99B80E

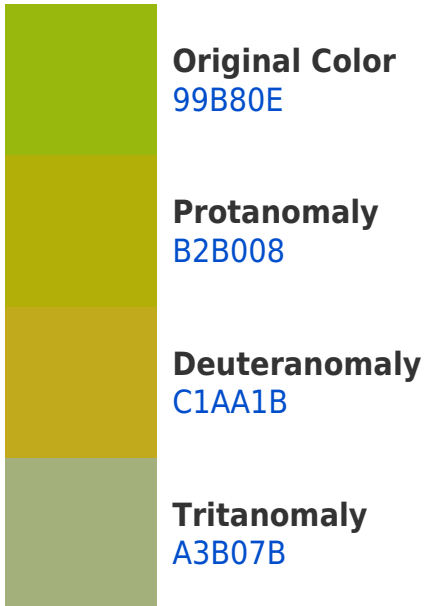
Protanopia
C1AC05

Deuteranopia
D8A223

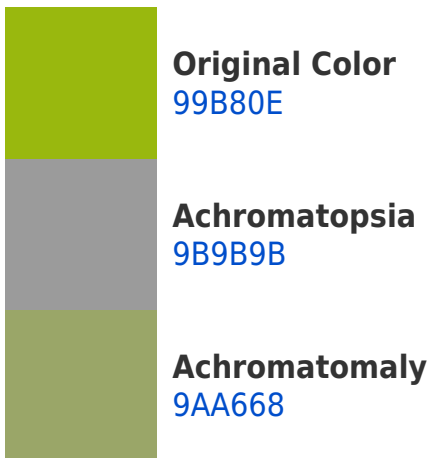


Tritanopia
A8ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99B80E 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 #99B80E looks like.

```
.text, #text, p{  
    color:#99B80E  
}
```

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 #99B80E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99B80E
}
```

Border

The CSS property to change the border of an element to Hex 99B80E 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
#99B80E }
```

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

```
.border{ border-color:#99B80E }
```

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

Here you see how a box with a 4 pixel #99B80E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99B80E; -webkit-box-shadow:4px 4px  
4px 4px #99B80E; box-shadow:4px 4px 4px  
4px #99B80E }
```

Background

The CSS property to change the background color of an element to Hex 99B80E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99B80E }
```

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

```
.background{ background-color:#99B80E }
```

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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