

Converting Colors

Hex(99C631)

Have a look what the booklet for
Hex(99C631) contains.

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Color

Hex(99C631)

Conversions

Conversions Part 1

Format	Color
Hex	99C631
RGB	153, 198, 49
RGB Percent	60%, 78%, 19%
CMY	0.4000, 0.2235, 0.8078
CMYK	0.23, 0.00, 0.75, 0.22
HSL	78°, 60%, 48%
HSV	78°, 75%, 78%
XYZ	33.8853, 47.3822, 10.2655
YIQ	167.5590, 21.0090, -55.8790

Conversions

Conversions Part 2

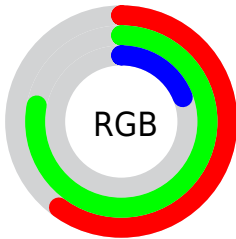
Format	Color
RYB	49, 198, 94
Decimal	10077745
CIELab	74.43, -35.26, 64.89
CIELCh	74, 73.855, 118.520
Yxy	47.3822, 0.3702, 0.5177
Android (android.graphics.Color)	4288267825 (0xFF99C631)
YUV	167.5590, -58.4496, -12.7682
Hunter-Lab	68.8347, -32.5905, 39.3423

Details

The Hex color **99C631** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **5E31C6**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **D3FF6A**, and **619000** is the 20% darker color. If you saturate the color by 10%, you get **93C61D**, and if you desaturate by 10%, it is **9FC645**.

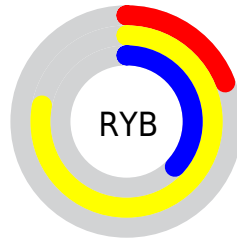
Distribution



Red (60%)

Green (78%)

Blue (19%)



Red (19%)

Yellow (78%)

Blue (37%)

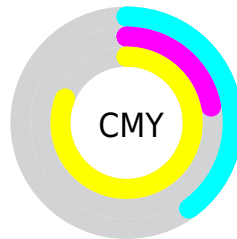


Cyan (23%)

Magenta (0%)

Yellow (75%)

Black (22%)



Cyan (40%)

Magenta (22%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99C631 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 99C631 by changing the saturation by 10% instead.



99C631



99C631

FFFFFF



7DAB08



D3FF6A



619000



F0FF86



457600



FFFFA2



295D00



FFFFBE



044500



FFFFDB



002E00



FFFFF9



001800



000000



99C631



99C631

 93C61D

 9FC645

 8DC609

 A5C659

 8AC600

 ABC66C

 B1C680

 B7C694

 BDC6A8

 C3C6BC

 C9C6CF

 CFC6E3

Harmonies

Analogous

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



DCB317



99C631



29D16C

Triad

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



99C631



00D0FF



FF75BD

Complementary

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



99C631



5E31C6

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.



FF88FF



99C631



00C0FF

Square

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



99C631



00D6F6



B0A6FF



FF7D7A

Rectangle

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



99C631



00D69A



B0A6FF



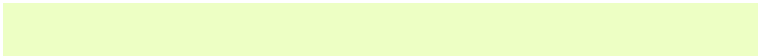
FF79D4

Sweetspot

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



99C631



EDFFC4



C65E31



75805C



000000



808080

Same Dimension

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



99C631



BAFF19



4FC631



60635A



72A300



192400

Inverse Universe

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



5E31C6



5F19FF



A831C6



5D5A63



3100A3



0B0024

Previews

White Background



This preview shows how the Hex color 99C631 looks on a white background.

Color Contrast Check

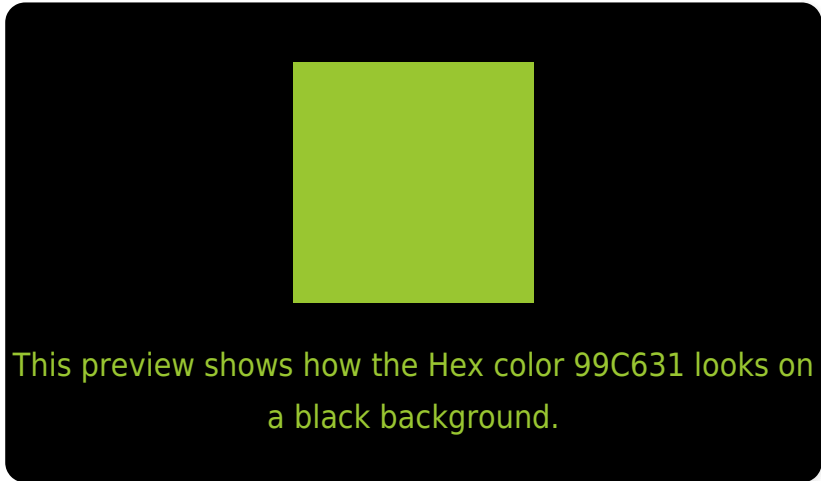
Large Text (above 18pt) WCAG AA × Fail

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 99C631 Background



This preview shows how black text looks on a background with the Hex color 99C631.



This preview shows how white text looks on a background with the Hex color 99C631.

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
99C631

Protanopia
CDB72D

Deuteranopia
E4AD3C



Tritanopia
AAB9C7

Trichromacy



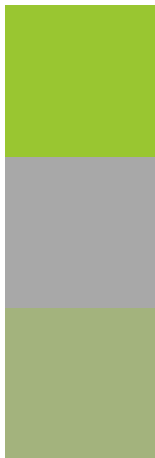
Original Color
99C631

Protanomaly
BABC2E

Deuteranomaly
C9B638

Tritanomaly
A4BE90

Monochromacy



Original Color
99C631

Achromatopsia
A8A8A8

Achromatomaly
A3B37D

CSS Examples

Text

The CSS property to change the color of the text to Hex 99C631 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 #99C631 looks like.

```
.text, #text, p{  
    color:#99C631  
}
```

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 #99C631 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99C631
}
```

Border

The CSS property to change the border of an element to Hex 99C631 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
#99C631 }
```

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

```
.border{ border-color:#99C631 }
```

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

Here you see how a box with a 4 pixel #99C631 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99C631; -webkit-box-shadow:4px 4px  
4px 4px #99C631; box-shadow:4px 4px 4px  
4px #99C631 }
```

Background

The CSS property to change the background color of an element to Hex 99C631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99C631 }
```

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

```
.background{ background-color:#99C631 }
```

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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