

Converting Colors

Hex(97C300)

Have a look what the booklet for
Hex(97C300) contains.

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Color

Hex(97C300)

Conversions

Conversions Part 1

Format	Color
Hex	97C300
RGB	151, 195, 0
RGB Percent	59%, 76%, 0%
CMY	0.4078, 0.2353, 1.0000
CMYK	0.23, 0.00, 1.00, 0.24
HSL	74°, 100%, 38%
HSV	74°, 100%, 76%
XYZ	32.2776, 45.6095, 7.1023
YIQ	159.6140, 36.3710, -69.9730

Conversions

Conversions Part 2

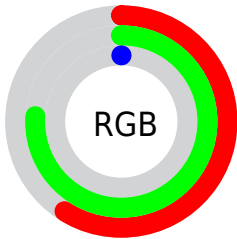
Format	Color
RYB	0, 195, 44
Decimal	9945856
CIELab	73.29, -36.04, 73.44
CIELCh	73, 81.808, 116.138
Yxy	45.6095, 0.3798, 0.5366
Android (android.graphics.Color)	4288135936 (0xFF97C300)
YUV	159.6140, -78.6897, -7.5545
Hunter-Lab	67.5348, -32.8736, 41.0391

Details

The Hex color **97C300** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **2C00C3**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **D1FC51**, and **5E8D00** is the 20% darker color. If you saturate the color by 10%, you get **97C300**, and if you desaturate by 10%, it is **9BC313**.

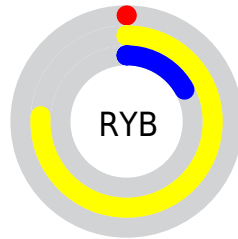
Distribution



Red (59%)

Green (76%)

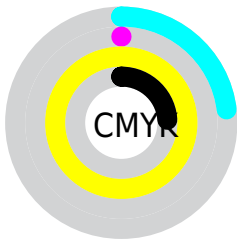
Blue (0%)



Red (0%)

Yellow (76%)

Blue (17%)

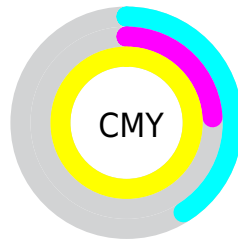


Cyan (23%)

Magenta (0%)

Yellow (100%)

Black (24%)



Cyan (41%)

Magenta (24%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97C300 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 97C300 by changing the saturation by 10% instead.

 97C300

 97C300

FFFFFF

 7AA800

 D1FC51

 5E8D00

 EFFF6E

 427300

 FFFF8B

 245B00

 FFFFA8

 004300

 FFFFC5

 002C00

 FFFF8B

 001400

 000000

 97C300

 9BC313

 A0C327

 A4C33B

 A9C34E

 ADC362

 B1C375

 B6C388

 BAC39C

 BFC3B0

Harmonies

Analogous

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



DFAD00



97C300



00D05B

Triad

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



97C300



00D0FF



FF65C1

Complementary

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



97C300



2C00C3

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.



FF80FF



97C300



00C0FF

Square

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



97C300



00D6F4



9DA4FF



FF6E77

Rectangle

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



97C300



00D48D



9DA4FF



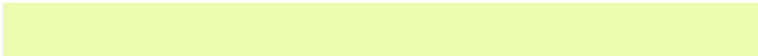
FF6BDA

Sweetspot

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



97C300



EBFCB1



C32A00



758052



000000



808080

Same Dimension

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



97C300



C3FC00



37C300



5F6157



7CA100



1A2100

Inverse Universe

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



2C00C3



3900FC



8C00C3



595761



2400A1



070021

Previews

White Background



This preview shows how the Hex color 97C300 looks on a white background.

Color Contrast Check

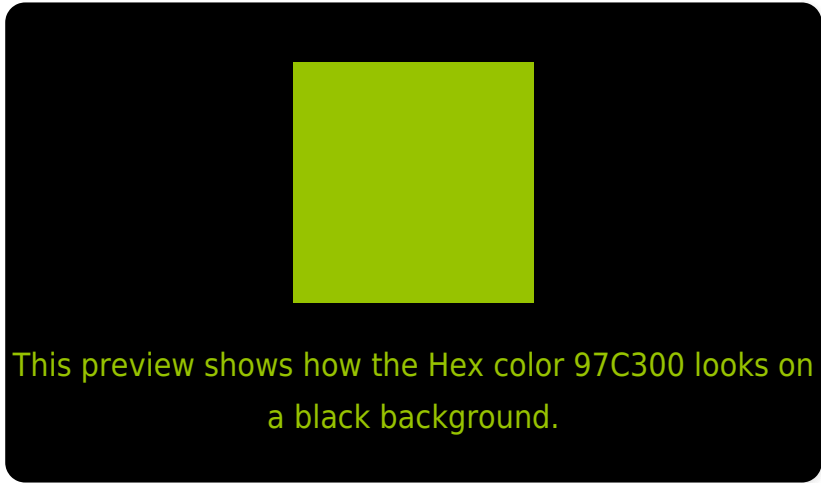
Large Text (above 18pt) WCAG AA × Fail

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 97C300 Background



This preview shows how black text looks on a background with the Hex color 97C300.

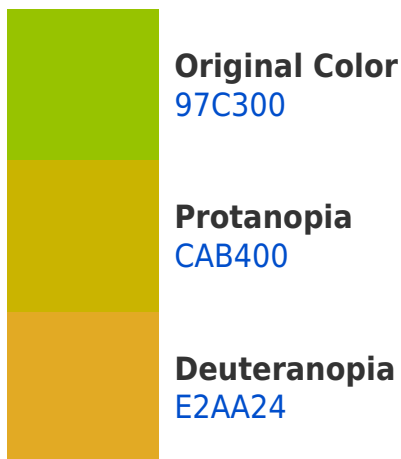


This preview shows how white text looks on a background with the Hex color 97C300.

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
A8B5C4

Trichromacy



Original Color
97C300

Protanomaly
B7B900

Deuteranomaly
C7B317

Tritanomaly
A2BA7D

Monochromacy



Original Color
97C300

Achromatopsia
A0A0A0

Achromatomaly
9DAD66

CSS Examples

Text

The CSS property to change the color of the text to Hex 97C300 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 #97C300 looks like.

```
.text, #text, p{  
    color:#97C300  
}
```

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 #97C300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97C300
}
```

Border

The CSS property to change the border of an element to Hex 97C300 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
#97C300 }
```

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

```
.border{ border-color:#97C300 }
```

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

Here you see how a box with a 4 pixel #97C300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97C300; -webkit-box-shadow:4px 4px  
4px 4px #97C300; box-shadow:4px 4px 4px  
4px #97C300 }
```

Background

The CSS property to change the background color of an element to Hex 97C300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97C300 }
```

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

```
.background{ background-color:#97C300 }
```

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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