

Converting Colors

Hex(97E401)

Have a look what the booklet for
Hex(97E401) contains.

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Color

Hex(97E401)

Conversions

Conversions Part 1

Format	Color
Hex	97E401
RGB	151, 228, 1
RGB Percent	59%, 89%, 0%
CMY	0.4078, 0.1059, 0.9961
CMYK	0.34, 0.00, 1.00, 0.11
HSL	80°, 99%, 45%
HSV	80°, 100%, 89%
XYZ	40.5114, 62.0683, 9.8739
YIQ	179.0990, 26.9750, -86.9210

Conversions

Conversions Part 2

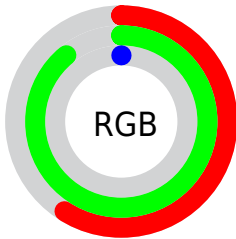
Format	Color
RYB	1, 228, 78
Decimal	9954305
CIELab	82.95, -50.22, 80.75
CIELCh	83, 95.093, 121.880
Yxy	62.0683, 0.3602, 0.5519
Android (android.graphics.Color)	4288144385 (0xFF97E401)
YUV	179.0990, -87.8028, -24.6428
Hunter-Lab	78.7834, -46.0842, 47.7176

Details

The Hex color **97E401** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **4E01E4**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **D3FF58**, and **5BAC00** is the 20% darker color. If you saturate the color by 10%, you get **97E400**, and if you desaturate by 10%, it is **9FE418**.

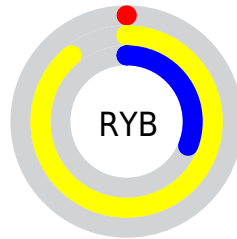
Distribution



Red (59%)

Green (89%)

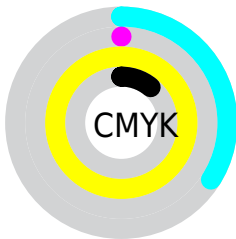
Blue (0%)



Red (0%)

Yellow (89%)

Blue (31%)

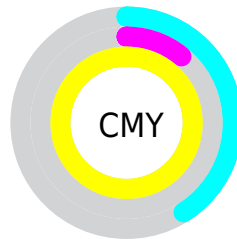


Cyan (34%)

Magenta (0%)

Yellow (100%)

Black (11%)



Cyan (41%)

Magenta (11%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97E401 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 97E401 by changing the saturation by 10% instead.

 97E401

 97E401

FFFFFF

 79C800

 D3FF58

 5BAC00

 F1FF76

 3C9100

 FFFF94

 147700

 FFFFB1

 005D00

 FFFFCF

 004500

 FFFFED

 002E00

 001200

 000000

 97E401

 97E401

 97E400

 9FE418

 A6E42F

 AEE445

 B6E45C

 BEE473

 C5E48A

 CDE4A1

 D5E4B7

 DDE4CE

Harmonies

Analogous

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



F2CD00



97E401



00F175

Triad

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



97E401



00EDFF



FF6BCD

Complementary

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



97E401



4E01E4

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.



FF87FF



97E401



00D8FF

Square

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



97E401



00F6FF



D1B4FF



FF7F76

Rectangle

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



97E401



00F5B2



D1B4FF



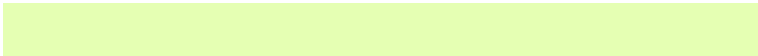
FF6FEB

Sweetspot

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



97E401



E5FFB3



E44D01



708052



000000



808080

Same Dimension

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



97E401



A9FF00



27E401



6F7367



76B300



223300

Inverse Universe

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



4E01E4



5600FF



BE01E4



6B6773



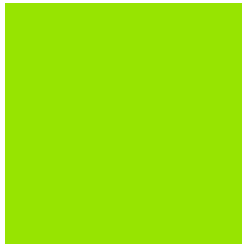
3D00B3



110033

Previews

White Background



This preview shows how the Hex color 97E401 looks on a white background.

Color Contrast Check

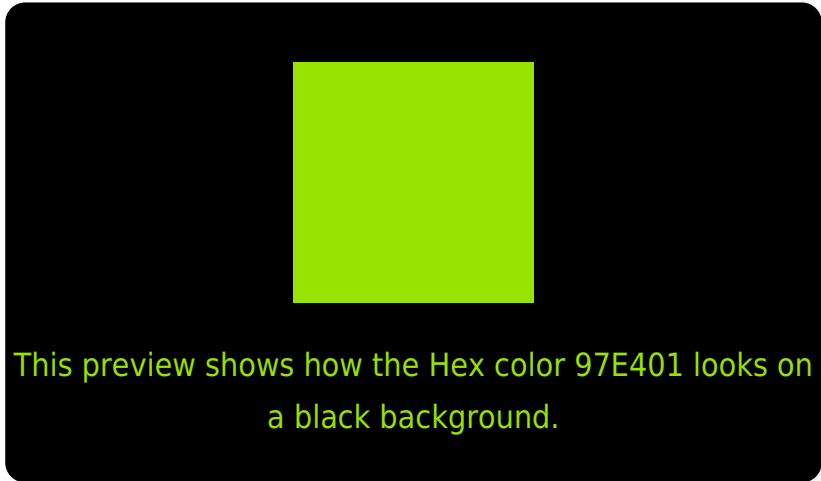
Large Text (above 18pt) WCAG AA × Fail

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 97E401 Background



This preview shows how black text looks on a background with the Hex color 97E401.



This preview shows how white text looks on a background with the Hex color 97E401.

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
97E401

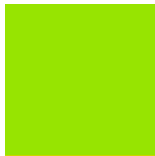
Protanopia
E8CE00

Deuteranopia
FFC44C

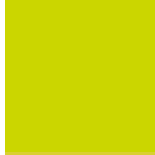


Tritanopia
AED4E5

Trichromacy



Original Color
97E401



Protanomaly
CBD600



Deuteranomaly
D9D031



Tritanomaly
A6DA92

Monochromacy



Original Color
97E401



Achromatopsia
B3B3B3



Achromatomaly
A9C572

CSS Examples

Text

The CSS property to change the color of the text to Hex 97E401 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 #97E401 looks like.

```
.text, #text, p{  
    color:#97E401  
}
```

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 #97E401 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97E401
}
```

Border

The CSS property to change the border of an element to Hex 97E401 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
#97E401 }
```

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

```
.border{ border-color:#97E401 }
```

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

Here you see how a box with a 4 pixel #97E401 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97E401; -webkit-box-shadow:4px 4px  
4px 4px #97E401; box-shadow:4px 4px 4px  
4px #97E401 }
```

Background

The CSS property to change the background color of an element to Hex 97E401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97E401 }
```

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

```
.background{ background-color:#97E401 }
```

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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