

Converting Colors

Hex(97D000)

Have a look what the booklet for
Hex(97D000) contains.

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Color

Hex(97D000)

Conversions

Conversions Part 1

Format	Color
Hex	97D000
RGB	151, 208, 0
RGB Percent	59%, 82%, 0%
CMY	0.4078, 0.1843, 1.0000
CMYK	0.27, 0.00, 1.00, 0.18
HSL	76°, 100%, 41%
HSV	76°, 100%, 82%
XYZ	35.3184, 51.6911, 8.1159
YIQ	167.2450, 32.7960, -76.7720

Conversions

Conversions Part 2

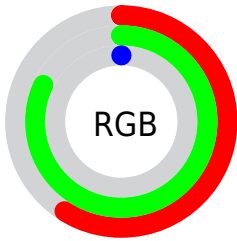
Format	Color
RYB	0, 208, 57
Decimal	9949184
CIELab	77.10, -41.81, 76.34
CIElCh	77, 87.039, 118.708
Yxy	51.6911, 0.3713, 0.5434
Android (android.graphics.Color)	4288139264 (0xFF97D000)
YUV	167.2450, -82.4518, -14.2469
Hunter-Lab	71.8965, -38.1327, 43.6347

Details

The Hex color **97D000** 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 **3900D0**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **D2FF54**, and **5D9900** is the 20% darker color. If you saturate the color by 10%, you get **97D000**, and if you desaturate by 10%, it is **9DD015**.

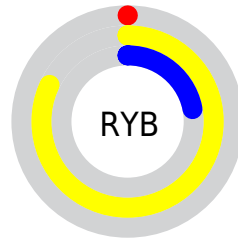
Distribution



Red (59%)

Green (82%)

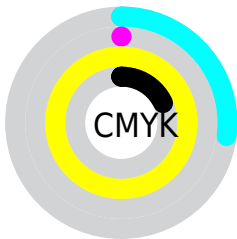
Blue (0%)



Red (0%)

Yellow (82%)

Blue (22%)

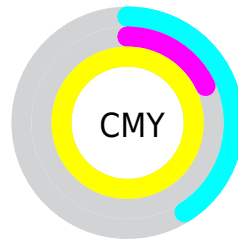


Cyan (27%)

Magenta (0%)

Yellow (100%)

Black (18%)



Cyan (41%)

Magenta (18%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97D000 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 97D000 by changing the saturation by 10% instead.

 97D000

 97D000

FFFFFF

 7AB400

 D2FF54

 5D9900

 F0FF72

 407F00

 FFFF8E

 1F6600

 FFFFAB

 004D00

 FFFFC9

 003500

 FFFF E6

 002000

 000000

 97D000

 9DD015

 A2D02A

 A8D03E

 AED053

 B3D068

 B9D07D

 BFD092

 C5D0A6

 CAD0BB

Harmonies

Analogous

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



E6BA00



97D000



00DD65

Triad

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



97D000



00DBFF



FF67C5

Complementary

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



97D000



3900D0

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.



FF83FF



97D000



00C9FF

Square

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



97D000



00E2FF



B2AAFF



FF7576

Rectangle

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



97D000



00E19C



B2AAFF



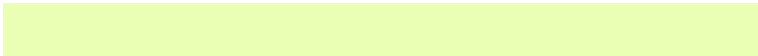
FF6DE0

Sweetspot

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



97D000



EAFFB3



D03700



738052



000000



808080

Same Dimension

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



97D000



B9FF00



31D000



66695E



7AA800



1E2900

Inverse Universe

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



3900D0



4600FF



9F00D0



615E69



2E00A8



0B0029

Previews

White Background



This preview shows how the Hex color 97D000 looks on a white background.

Color Contrast Check

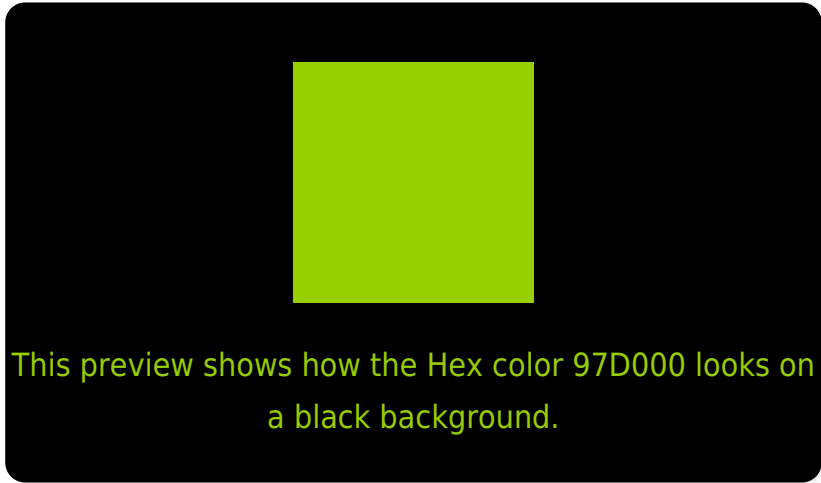
Large Text (above 18pt) WCAG AA × Fail

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 97D000 Background



This preview shows how black text looks on a background with the Hex color 97D000.



This preview shows how white text looks on a background with the Hex color 97D000.

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

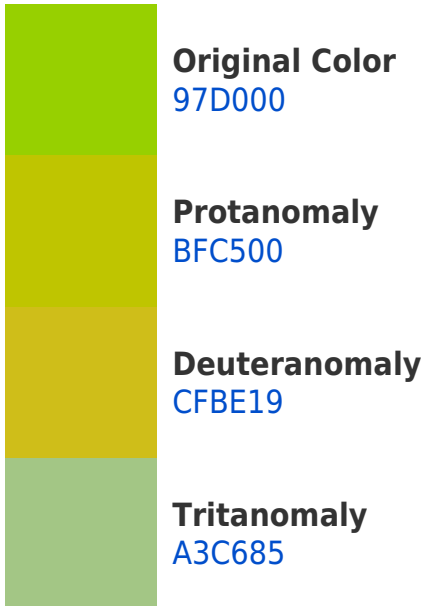


Original Color
97D000

Protanopia
D6BE00

Deuteranopia
EFB427

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 97D000 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 #97D000 looks like.

```
.text, #text, p{  
    color:#97D000  
}
```

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 #97D000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97D000
}
```

Border

The CSS property to change the border of an element to Hex 97D000 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
#97D000 }
```

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

```
.border{ border-color:#97D000 }
```

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

Here you see how a box with a 4 pixel #97D000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97D000; -webkit-box-shadow:4px 4px  
4px 4px #97D000; box-shadow:4px 4px 4px  
4px #97D000 }
```

Background

The CSS property to change the background color of an element to Hex 97D000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97D000 }
```

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

```
.background{ background-color:#97D000 }
```

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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