

Converting Colors

Hex(97C413)

Have a look what the booklet for
Hex(97C413) contains.

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Color

Hex(97C413)

Conversions

Conversions Part 1

Format	Color
Hex	97C413
RGB	151, 196, 19
RGB Percent	59%, 77%, 7%
CMY	0.4078, 0.2314, 0.9255
CMYK	0.23, 0.00, 0.90, 0.23
HSL	75°, 82%, 42%
HSV	75°, 90%, 77%
XYZ	32.6200, 46.1062, 7.7962
YIQ	162.3670, 29.9970, -64.5870

Conversions

Conversions Part 2

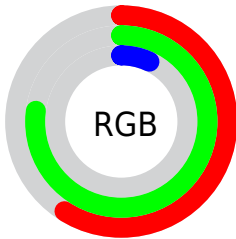
Format	Color
RYB	19, 196, 64
Decimal	9946131
CIELab	73.61, -36.20, 71.46
CIELCh	74, 80.105, 116.867
Yxy	46.1062, 0.3770, 0.5329
Android (android.graphics.Color)	4288136211 (0xFF97C413)
YUV	162.3670, -70.6799, -9.9689
Hunter-Lab	67.9015, -33.0761, 40.7236

Details

The Hex color **97C413** 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 **4013C4**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **D1FD58**, and **5E8E00** is the 20% darker color. If you saturate the color by 10%, you get **92C400**, and if you desaturate by 10%, it is **9CC427**.

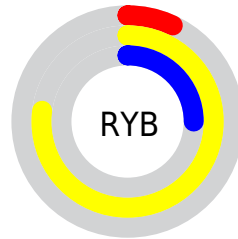
Distribution



Red (59%)

Green (77%)

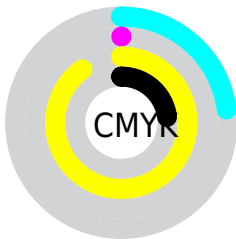
Blue (7%)



Red (7%)

Yellow (77%)

Blue (25%)

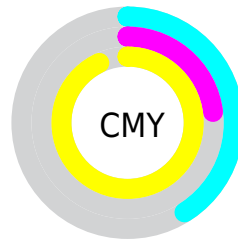


Cyan (23%)

Magenta (0%)

Yellow (90%)

Black (23%)



Cyan (41%)

Magenta (23%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97C413 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 97C413 by changing the saturation by 10% instead.

 97C413

 97C413

FFFFFF

 7BA900

 D1FD58

 5E8E00

 EFFF74

 427400

 FFFF91

 245B00

 FFFFAD


 004300

 FFFFC4

 002D00

 FFFF7E

 001500

 000000

 97C413

 97C413

■ 92C400

■ 9CC427

■ A1C43A

■ A6C44E

■ ABC461

■ B0C475

■ B5C489

■ BAC49C

■ BFC4B0

■ C4C4C3

Harmonies

Analogous

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



DEAF00



97C413



01D05F

Triad

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



97C413



00D0FF



FF69C0

Complementary

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



97C413



4013C4

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.



FF82FF



97C413



00C0FF

Square

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



97C413



00D6F5



A3A5FF



FF7277

Rectangle

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



97C413



00D591



A3A5FF



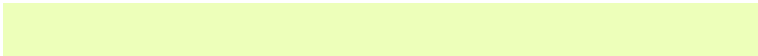
FF6ED8

Sweetspot

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



97C413



EDFFBA



C43F13



758057



000000



808080

Same Dimension

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



97C413



BEFF00



3FC413



5E6157



78A100



192100

Inverse Universe

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



4013C4



4100FF



9813C4



5A5761



2900A1



080021

Previews

White Background



This preview shows how the Hex color 97C413 looks on a white background.

Color Contrast Check

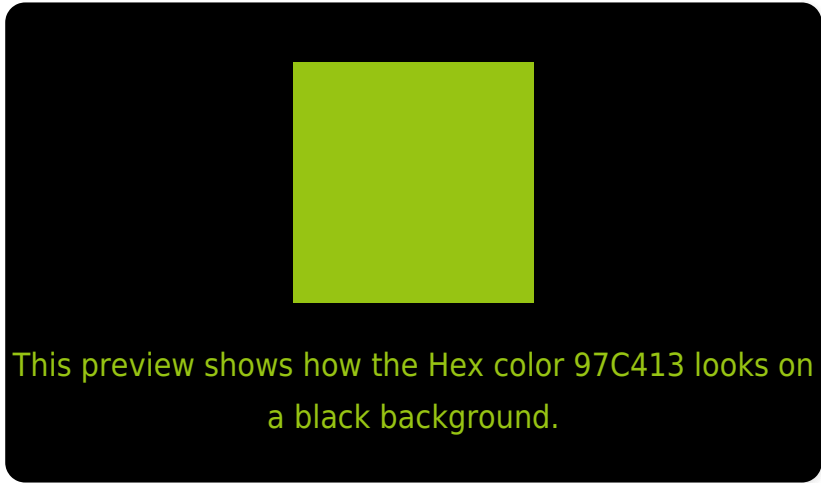
Large Text (above 18pt) WCAG AA × Fail

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 97C413 Background



This preview shows how black text looks on a background with the Hex color 97C413.

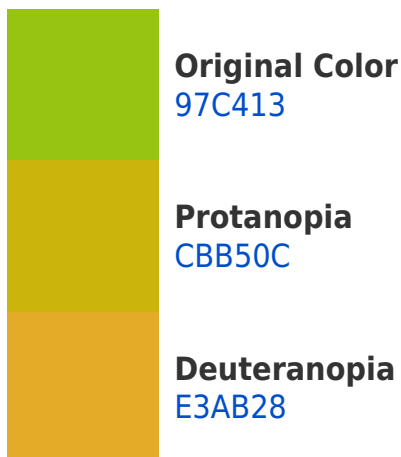


This preview shows how white text looks on a background with the Hex color 97C413.

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



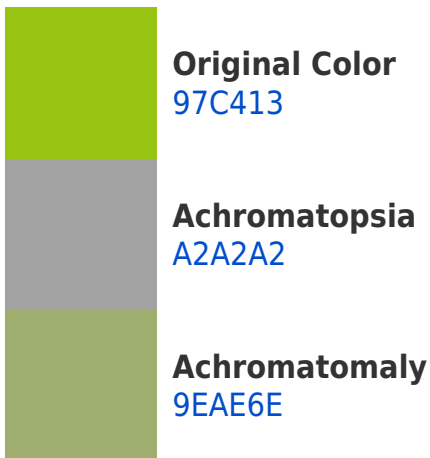


Tritanopia
A8B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 97C413 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 #97C413 looks like.

```
.text, #text, p{  
    color:#97C413  
}
```

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 #97C413 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97C413
}
```

Border

The CSS property to change the border of an element to Hex 97C413 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
#97C413 }
```

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

```
.border{ border-color:#97C413 }
```

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

Here you see how a box with a 4 pixel #97C413 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97C413; -webkit-box-shadow:4px 4px  
4px 4px #97C413; box-shadow:4px 4px 4px  
4px #97C413 }
```

Background

The CSS property to change the background color of an element to Hex 97C413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97C413 }
```

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

```
.background{ background-color:#97C413 }
```

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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