

Converting Colors

Hex(97C815)

Have a look what the booklet for
Hex(97C815) contains.

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Color

Hex(97C815)

Conversions

Conversions Part 1	
Format	Color
Hex	97C815
RGB	151, 200, 21
RGB Percent	59%, 78%, 8%
CMY	0.4078, 0.2157, 0.9176
CMYK	0.24, 0.00, 0.89, 0.22
HSL	76°, 81%, 43%
HSV	76°, 89%, 78%
XYZ	33.5521, 47.9420, 8.1948
YIQ	164.9430, 28.2550, -66.0570

Conversions

Conversions Part 2

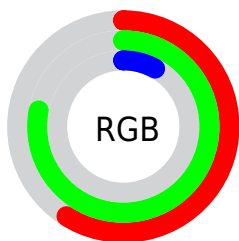
Format	Color
RYB	21, 200, 70
Decimal	9947157
CIELab	74.79, -37.96, 72.09
CIELCh	75, 81.473, 117.769
Yxy	47.9420, 0.3741, 0.5345
Android (android.graphics.Color)	4288137237 (0xFF97C815)
YUV	164.9430, -70.9639, -12.2280
Hunter-Lab	69.2402, -34.6734, 41.4509

Details

The Hex color **97C815** 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 **4615C8**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **D1FF59**, and **5E9200** is the 20% darker color. If you saturate the color by 10%, you get **92C801**, and if you desaturate by 10%, it is **9CC829**.

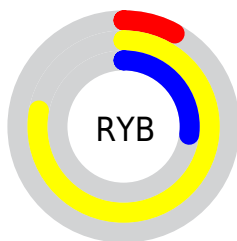
Distribution



Red (59%)

Green (78%)

Blue (8%)



Red (8%)

Yellow (78%)

Blue (27%)

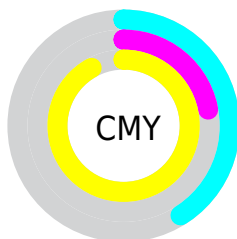


Cyan (24%)

Magenta (0%)

Yellow (89%)

Black (22%)



Cyan (41%)

Magenta (22%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97C815 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 97C815 by changing the saturation by 10% instead.

 97C815

FFFFFF

 D1FF59

 EFFF76

 FFFF92

 FFFFAF

 FFFFCC

 FFFFE9

 97C815

 7AAD00

 5E9200

 427800

 235F00

 004700

 002F00

 001900

 000000

 97C815

 97C815

 92C801

 9CC829

 91C800

 A2C83D

 A7C851

 ADC865

 B2C879

 B8C88D

 BDC8A1

 C3C8B5

 C8C8C9

Harmonies

Analogous

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



E0B300



97C815



00D463

Triad

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



97C815



00D3FF



FF6AC1

Complementary

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



97C815



4615C8

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



97C815



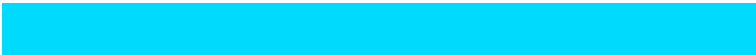
00C3FF

Square

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



97C815



00DAFC



AAA7FF



FF7477

Rectangle

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



97C815



00D996



AAA7FF



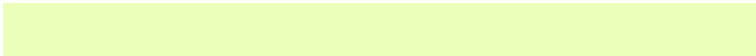
FF6FDA

Sweetspot

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



97C815



ECFFBA



C84515



748057



000000



808080

Same Dimension

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



97C815



B9FF00



3FC815



61635A



77A300



1A2400

Inverse Universe

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



4615C8



4600FF



9E15C8



5C5A63



2D00A3



0A0024

Previews

White Background



This preview shows how the Hex color 97C815 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



This preview shows how the Hex color 97C815 looks on a 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 97C815 Background



This preview shows how black text looks on a background with the Hex color 97C815.



This preview shows how white text looks on a background with the Hex color 97C815.

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
97C815




Protanopia
CFB80E

Deuteranopia
E7AE29

Trichromacy

	Original Color 97C815
	Protanomaly BBBE11
	Deuteranomaly CAB722
	Tritanomaly A2BF88

Monochromacy

	Original Color 97C815
	Achromatopsia A5A5A5
	Achromatomaly A0B271

CSS Examples

Text

The CSS property to change the color of the text to Hex 97C815 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 #97C815 looks like.

```
.text, #text, p{  
    color:#97C815  
}
```

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 #97C815 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97C815
}
```

Border

The CSS property to change the border of an element to Hex 97C815 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
#97C815 }
```

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

```
.border{ border-color:#97C815 }
```

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

Here you see how a box with a 4 pixel #97C815 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97C815; -webkit-box-shadow:4px 4px  
4px 4px #97C815; box-shadow:4px 4px 4px  
4px #97C815 }
```

Background

The CSS property to change the background color of an element to Hex 97C815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97C815 }
```

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

```
.background{ background-color:#97C815 }
```

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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