

Converting Colors

Hex(97B71D)

Have a look what the booklet for
Hex(97B71D) contains.

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Color

Hex(97B71D)

Conversions

Conversions Part 1	
Format	Color
Hex	97B71D
RGB	151, 183, 29
RGB Percent	59%, 72%, 11%
CMY	0.4078, 0.2824, 0.8863
CMYK	0.17, 0.00, 0.84, 0.28
HSL	72°, 73%, 42%
HSV	72°, 84%, 72%
XYZ	29.9178, 40.5350, 7.4096
YIQ	155.8760, 30.3620, -54.6780

Conversions

Conversions Part 2

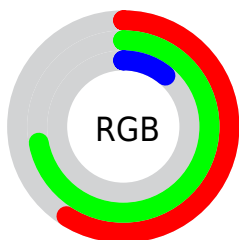
Format	Color
RYB	29, 183, 61
Decimal	9942813
CIELab	69.85, -29.92, 66.36
CIELCh	70, 72.794, 114.267
Yxy	40.5350, 0.3842, 0.5206
Android (android.graphics.Color)	4288132893 (0xFF97B71D)
YUV	155.8760, -62.5499, -4.2763
Hunter-Lab	63.6671, -27.5386, 37.6668

Details

The Hex color **97B71D** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **3D1DB7**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **D1EF5A**, and **5F8200** is the 20% darker color. If you saturate the color by 10%, you get **93B70B**, and if you desaturate by 10%, it is **9BB72F**.

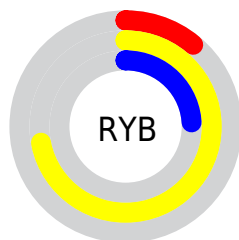
Distribution



Red (59%)

Green (72%)

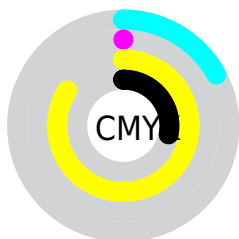
Blue (11%)



Red (11%)

Yellow (72%)

Blue (24%)

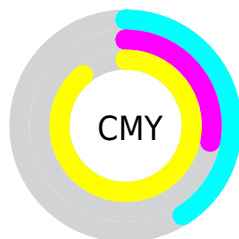


Cyan (17%)

Magenta (0%)

Yellow (84%)

Black (28%)



Cyan (41%)

Magenta (28%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97B71D 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 97B71D by changing the saturation by 10% instead.

 97B71D

FFFFFF

 D1EF5A

 EEFF76

 FFFF92

 FFFFAE

 FFFFCB

 FFFFE8

 97B71D

 7B9C00

 5F8200

 446900

 285000

 083900

 002400

 000000

 97B71D

 93B70B

 97B71D

 9BB72F

 91B700

 9FB742

 A2B754

 A6B766

 AAB779

 AEB78B

 B2B79D

 B5B7AF

 B9B7C2

Harmonies

Analogous

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



D6A307



97B71D



37C359

Triad

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



97B71D



00C4FF



FF6ABA

Complementary

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



97B71D



3D1DB7

Split Complementary

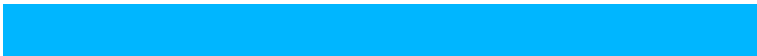
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EE80F9



97B71D



00B6FF

Square

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



97B71D



00C9DF



919FFF



FF6E78

Rectangle

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



97B71D



00C784



919FFF



FF6FD0

Sweetspot

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



97B71D



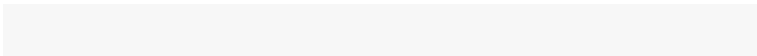
E1EDB2



B73C1D



707854



F7F7F7



787878

Same Dimension

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



97B71D



BCED00



4BB71D



5A5C53



7B9C00



161C00

Inverse Universe

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



3D1DB7



3100ED



891DB7



55535C



20009C



06001C

Previews

White Background



This preview shows how the Hex color 97B71D 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 97B71D 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 97B71D Background



This preview shows how black text looks on a background with the Hex color 97B71D.



This preview shows how white text looks on a background with the Hex color 97B71D.

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
97B71D

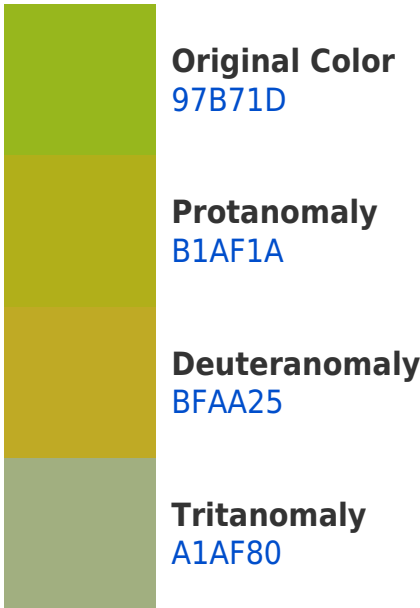
Protanopia
C0AB19

Deuteranopia
D6A22A



Tritanopia
A6AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 97B71D 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 #97B71D looks like.

```
.text, #text, p{  
    color:#97B71D  
}
```

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 #97B71D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97B71D
}
```

Border

The CSS property to change the border of an element to Hex 97B71D 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
#97B71D }
```

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

```
.border{ border-color:#97B71D }
```

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

Here you see how a box with a 4 pixel #97B71D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97B71D; -webkit-box-shadow:4px 4px  
4px 4px #97B71D; box-shadow:4px 4px 4px  
4px #97B71D }
```

Background

The CSS property to change the background color of an element to Hex 97B71D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97B71D }
```

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

```
.background{ background-color:#97B71D }
```

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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