

# Converting Colors

Hex(97BE1D)

Have a look what the booklet for  
Hex(97BE1D) contains.

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**Color**

**Hex(97BE1D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97BE1D
RGB	151, 190, 29
RGB Percent	59%, 75%, 11%
CMY	0.4078, 0.2549, 0.8863
CMYK	0.21, 0.00, 0.85, 0.25
HSL	75°, 74%, 43%
HSV	75°, 85%, 75%
XYZ	31.3977, 43.4949, 7.9029
YIQ	159.9850, 28.4370, -58.3390

# Conversions

## Conversions Part 2

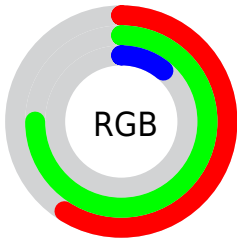
Format	Color
R <sub>Y</sub> B	29, 190, 68
Decimal	9944605
CIE Lab	71.89, -33.20, 68.11
CIE LCh	72, 75.766, 115.984
Yxy	43.4949, 0.3792, 0.5253
Android (android.graphics.Color)	4288134685 (0xFF97BE1D)
YUV	159.9850, -64.5756, -7.8798
Hunter-Lab	65.9507, -30.4336, 39.0607

# Details

The Hex color **97BE1D** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **441DBE**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **D1F65B**, and **5F8800** is the 20% darker color. If you saturate the color by 10%, you get **92BE0A**, and if you desaturate by 10%, it is **9CBE30**.

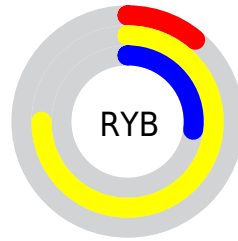
# Distribution



Red (59%)

Green (75%)

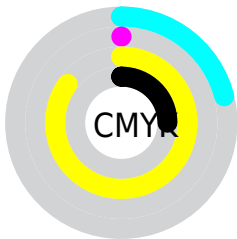
Blue (11%)



Red (11%)

Yellow (75%)

Blue (27%)

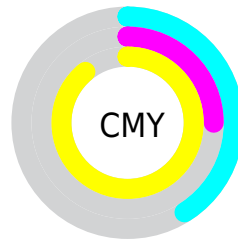


Cyan (21%)

Magenta (0%)

Yellow (85%)

Black (25%)



Cyan (41%)

Magenta (25%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97BE1D 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 97BE1D by changing the saturation by 10% instead.



 97BE1D

 97BE1D

FFFFFF

 7BA300

 D1F65B

 5F8800

 EEEF78

 446F00

 FFFF94

 275600

 FFFFB0

 023F00

 FFFFCD

 002900

 FFFFEA

 000D00

 000000

 97BE1D

 97BE1D

 92BE0A

 9CBE30

 90BE00

 A0BE43

 A5BE56

 A9BE69

 AEBE7C

 B3BE8F

 B7BEA2

 BCBEB5

 C0BEC8

# Harmonies

## Analogous

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



DAAA00



97BE1D



28CA5E

# Triad

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



97BE1D



00CAFF



FF6BBD

# Complementary

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



97BE1D



441DBE

# 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.



FA82FF



97BE1D



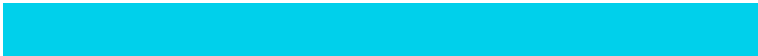
00BBFF

# Square

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



97BE1D



00D0EB



9DA2FF



FF7278

# Rectangle

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



97BE1D



00CE8C



9DA2FF



FF70D4

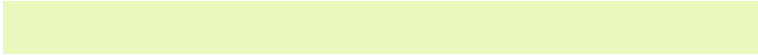


# Sweetspot

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



97BE1D



E8F7BA



BE431D



747D57



FCFCFC



7D7D7D



# Same Dimension

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



97BE1D



BBF700



48BE1D



5C5E55



789E00



171F00



# Inverse Universe

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



441DBE



3C00F7



931DBE



57555E



26009E



07001F



# Previews

## White Background



This preview shows how the Hex color 97BE1D looks on a white background.

## Color Contrast Check

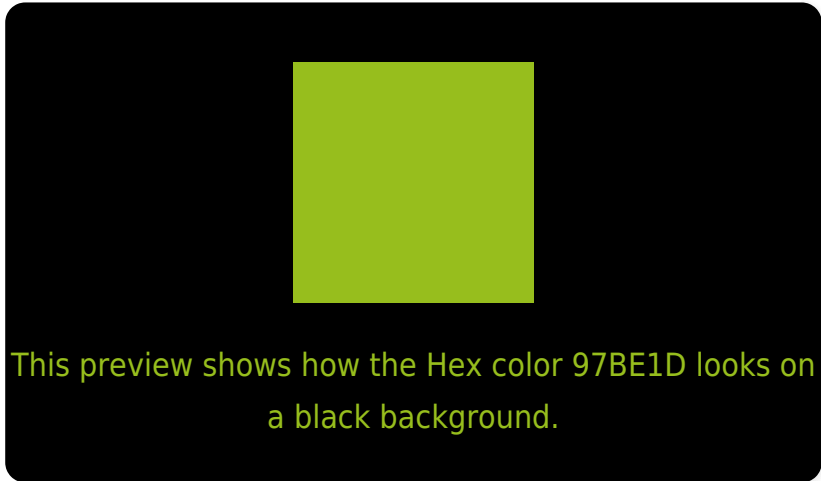
Large Text (above 18pt) WCAG AA × Fail

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 97BE1D Background



This preview shows how black text looks on a background with the Hex color 97BE1D.

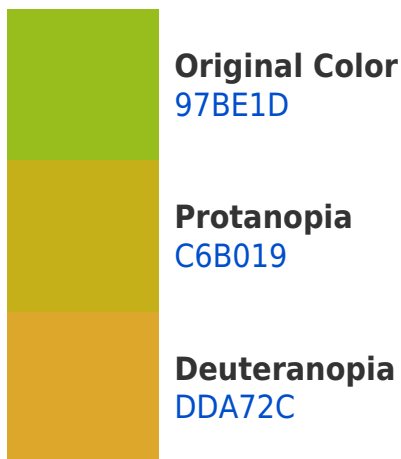


This preview shows how white text looks on a background with the Hex color 97BE1D.

# 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](#).

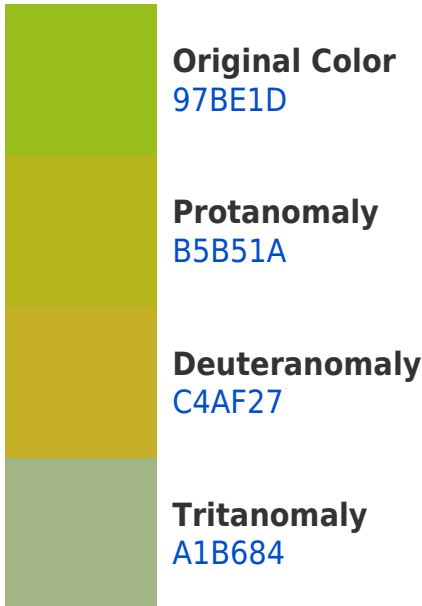
## Dichromacy



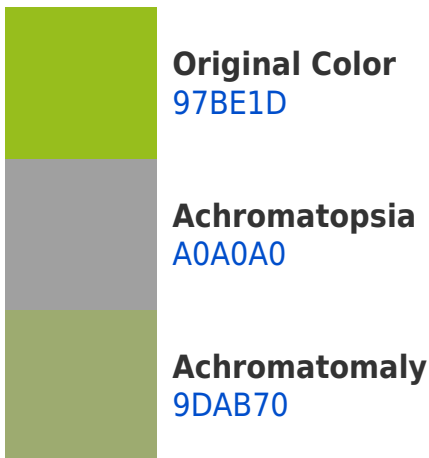


**Tritanopia**  
A7B1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97BE1D 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 #97BE1D looks like.

```
.text, #text, p{  
    color:#97BE1D  
}
```

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 #97BE1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97BE1D }
}
```

## Border

The CSS property to change the border of an element to Hex 97BE1D 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 #97BE1D }
}
```

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

```
.border{ border-color:#97BE1D }
```

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

Here you see how a box with a 4 pixel #97BE1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97BE1D; -webkit-box-shadow:4px 4px  
4px 4px #97BE1D; box-shadow:4px 4px 4px  
4px #97BE1D }
```

# Background

The CSS property to change the background color of an element to Hex 97BE1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97BE1D }
```

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

```
.background{ background-color:#97BE1D }
```

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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