

Converting Colors

Hex(97B739)

Have a look what the booklet for
Hex(97B739) contains.

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Color

Hex(97B739)

Conversions

Conversions Part 1

Format	Color
Hex	97B739
RGB	151, 183, 57
RGB Percent	59%, 72%, 22%
CMY	0.4078, 0.2824, 0.7765
CMYK	0.17, 0.00, 0.69, 0.28
HSL	75°, 52%, 47%
HSV	75°, 69%, 72%
XYZ	30.4345, 40.7417, 10.1308
YIQ	159.0680, 21.3740, -45.9700

Conversions

Conversions Part 2

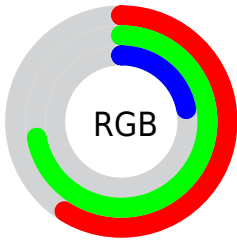
Format	Color
RYB	57, 183, 89
Decimal	9942841
CIELab	69.99, -28.60, 57.64
CIELCh	70, 64.344, 116.388
Yxy	40.7417, 0.3743, 0.5011
Android (android.graphics.Color)	4288132921 (0xFF97B739)
YUV	159.0680, -50.3195, -7.0756
Hunter-Lab	63.8292, -26.5903, 35.2701

Details

The Hex color **97B739** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **5939B7**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **D0EF6F**, and **608200** is the 20% darker color. If you saturate the color by 10%, you get **92B727**, and if you desaturate by 10%, it is **9CB74B**.

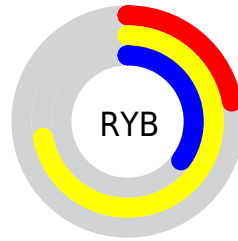
Distribution



Red (59%)

Green (72%)

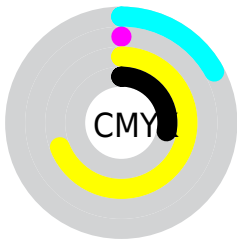
Blue (22%)



Red (22%)

Yellow (72%)

Blue (35%)

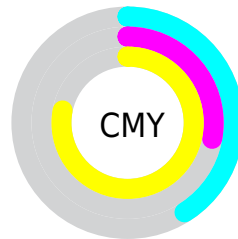


Cyan (17%)

Magenta (0%)

Yellow (69%)

Black (28%)



Cyan (41%)

Magenta (28%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97B739 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 97B739 by changing the saturation by 10% instead.

 97B739

 97B739

FFFFFF

 7B9C1B

 D0EF6F

 608200

 EDFF8A

 466900

 FFFFA6

 2B5000

 FFFF C2

 0D3900

 FFFF DF

 002400

FFFFFF C

 000000

 97B739

 97B739

 92B727

 9CB74B

 8EB714

 A0B75E

 89B702

 A5B770

 89B700

 AAB782

 AEB795

 B3B7A7

 B8B7B9

 BCB7CB

 C1B7DE

Harmonies

Analogous

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



D0A62B



97B739



47C267

Triad

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



97B739



00C1FF



FF75B5

Complementary

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



97B739



5939B7

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.



EB86ED



97B739



00B4FF

Square

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



97B739



00C7DD



A09FFF



FF7A7B

Rectangle

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



97B739



00C68E



A09FFF



FF79C8

Sweetspot

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



97B739



E1EDBB



B75939



70785A



F7F7F7



787878

Same Dimension

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



97B739



BBED28



59B739



595C53



749C00



151C00

Inverse Universe

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



5939B7



5A28ED



9839B7



55535C



28009C



07001C

Previews

White Background



This preview shows how the Hex color 97B739 looks on a white background.

Color Contrast Check

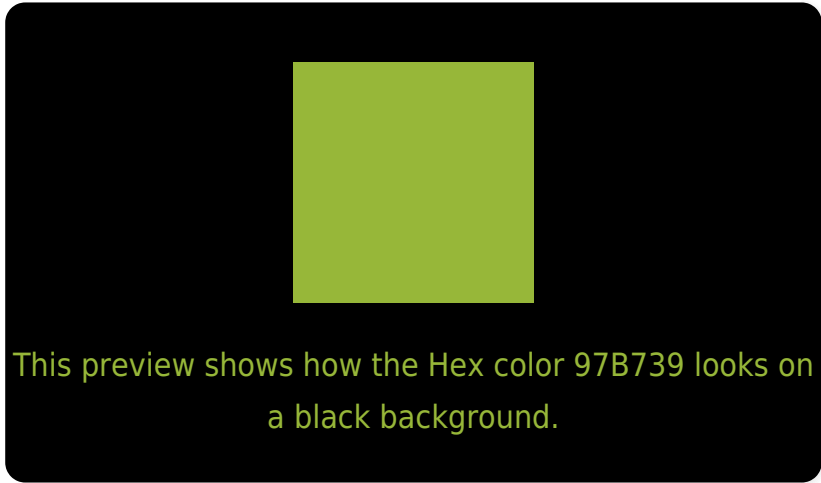
Large Text (above 18pt) WCAG AA × Fail

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 97B739 Background



This preview shows how black text looks on a background with the Hex color 97B739.



This preview shows how white text looks on a background with the Hex color 97B739.

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
97B739

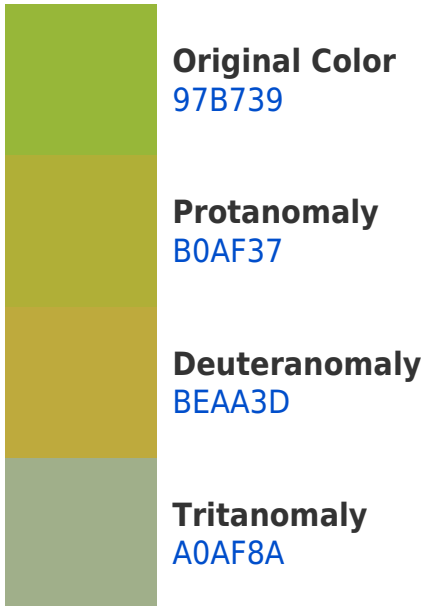
Protanopia
BFAB36

Deuteranopia
D5A240

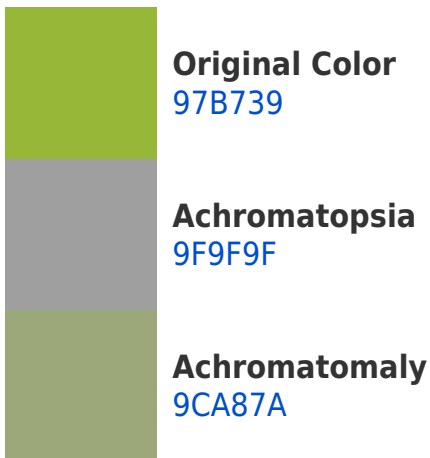


Tritanopia
A5ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 97B739 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 #97B739 looks like.

```
.text, #text, p{  
    color:#97B739  
}
```

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 #97B739 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97B739
}
```

Border

The CSS property to change the border of an element to Hex 97B739 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
#97B739 }
```

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

```
.border{ border-color:#97B739 }
```

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

Here you see how a box with a 4 pixel #97B739 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97B739; -webkit-box-shadow:4px 4px  
4px 4px #97B739; box-shadow:4px 4px 4px  
4px #97B739 }
```

Background

The CSS property to change the background color of an element to Hex 97B739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97B739 }
```

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

```
.background{ background-color:#97B739 }
```

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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