

Converting Colors

Hex(97B154)

Have a look what the booklet for
Hex(97B154) contains.

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Color

Hex(97B154)

Conversions

Conversions Part 1

Format	Color
Hex	97B154
RGB	151, 177, 84
RGB Percent	59%, 69%, 33%
CMY	0.4078, 0.3059, 0.6706
CMYK	0.15, 0.00, 0.53, 0.31
HSL	77°, 37%, 51%
HSV	77°, 53%, 69%
XYZ	30.0849, 38.6637, 14.2647
YIQ	158.6240, 14.3570, -34.4350

Conversions

Conversions Part 2

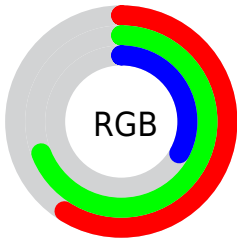
Format	Color
RYB	84, 177, 110
Decimal	9941332
CIELab	68.51, -23.50, 44.12
CIELCh	69, 49.992, 118.040
Yxy	38.6637, 0.3624, 0.4658
Android (android.graphics.Color)	4288131412 (0xFF97B154)
YUV	158.6240, -36.7896, -6.6862
Hunter-Lab	62.1801, -22.4508, 29.9244

Details

The Hex color **97B154** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **6E54B1**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **CFE988**, and **627C21** is the 20% darker color. If you saturate the color by 10%, you get **92B142**, and if you desaturate by 10%, it is **9CB166**.

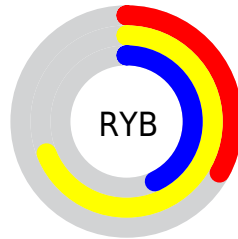
Distribution



Red (59%)

Green (69%)

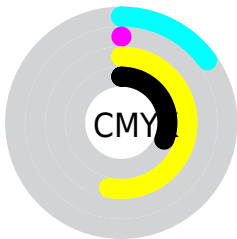
Blue (33%)



Red (33%)

Yellow (69%)

Blue (43%)

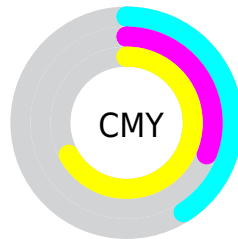


Cyan (15%)

Magenta (0%)

Yellow (53%)

Black (31%)



Cyan (41%)

Magenta (31%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97B154 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 97B154 by changing the saturation by 10% instead.

 97B154

 97B154

FFFFFF

 7C963B

 CFE988

 627C21

 ECFFA3

 486302

 FFFFBF

 2F4B00

 FFFFDB

 163400

 FFFFF8

 002000

 000000

 97B154

 97B154

 92B142

 9CB166

 8DB131

 A1B177

 88B11F

 A6B189

 83B10D

 ABB19B

 80B100

 B0B1AC

 B5B1BE

 BAB1D0

 BFB1E2

 C4B1F3

Harmonies

Analogous

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



C4A44A



97B154



5EBA75

Triad

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



97B154



00B8F3



F881AC

Complementary

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



97B154



6E54B1

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.



DC8BD8



97B154



4CADFF

Square

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



97B154



00BDD0



A59CF7



FA857F

Rectangle

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



97B154



1ABD93



A59CF7



F283BB

Sweetspot

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



97B154



DBE6C1



B16D54



6D735D



F2F2F2



737373

Same Dimension

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



97B154



BDE655



6AB154



575950



6E9900



121A00

Inverse Universe

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



6E54B1



7D55E6



9B54B1



535059



2B0099



07001A

Previews

White Background



This preview shows how the Hex color 97B154 looks on a white background.

Color Contrast Check

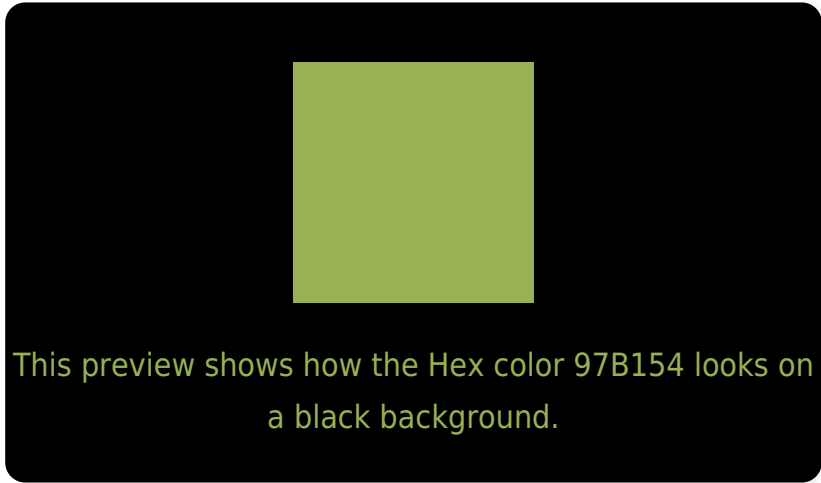
Large Text (above 18pt) WCAG AA × Fail

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 97B154 Background



This preview shows how black text looks on a background with the Hex color 97B154.

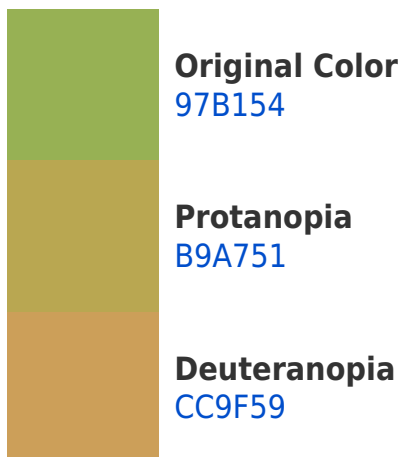


This preview shows how white text looks on a background with the Hex color 97B154.

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](#).

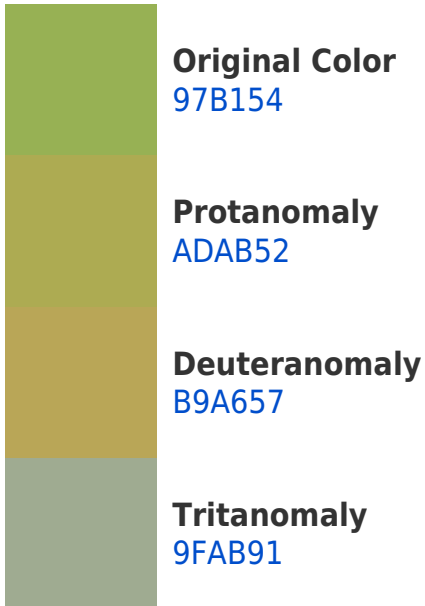
Dichromacy



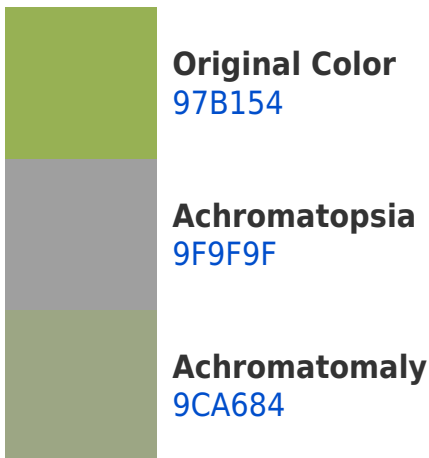


Tritanopia
A3A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 97B154 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 #97B154 looks like.

```
.text, #text, p{  
    color:#97B154  
}
```

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 #97B154 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97B154
}
```

Border

The CSS property to change the border of an element to Hex 97B154 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
#97B154 }
```

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

```
.border{ border-color:#97B154 }
```

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

Here you see how a box with a 4 pixel #97B154 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97B154; -webkit-box-shadow:4px 4px  
4px 4px #97B154; box-shadow:4px 4px 4px  
4px #97B154 }
```

Background

The CSS property to change the background color of an element to Hex 97B154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97B154 }
```

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

```
.background{ background-color:#97B154 }
```

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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