

Converting Colors

Hex(97AE34)

Have a look what the booklet for
Hex(97AE34) contains.

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Color

Hex(97AE34)

Conversions

Conversions Part 1

Format	Color
Hex	97AE34
RGB	151, 174, 52
RGB Percent	59%, 68%, 20%
CMY	0.4078, 0.3176, 0.7961
CMYK	0.13, 0.00, 0.70, 0.32
HSL	71°, 54%, 44%
HSV	71°, 70%, 68%
XYZ	28.5184, 37.0993, 8.9066
YIQ	153.2150, 25.4540, -42.8180

Conversions

Conversions Part 2

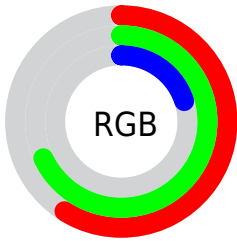
Format	Color
RYB	52, 174, 75
Decimal	9940532
CIELab	67.35, -24.54, 56.89
CIELCh	67, 61.958, 113.334
Yxy	37.0993, 0.3827, 0.4978
Android (android.graphics.Color)	4288130612 (0xFF97AE34)
YUV	153.2150, -49.8990, -1.9426
Hunter-Lab	60.9092, -23.0155, 33.9666

Details

The Hex color **97AE34** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **4B34AE**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **D0E56A**, and **607A00** is the 20% darker color. If you saturate the color by 10%, you get **94AE23**, and if you desaturate by 10%, it is **9AAE45**.

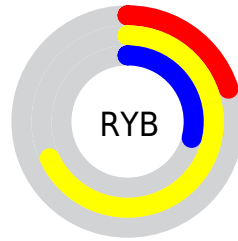
Distribution



Red (59%)

Green (68%)

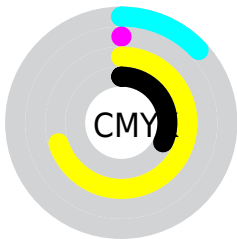
Blue (20%)



Red (20%)

Yellow (68%)

Blue (29%)

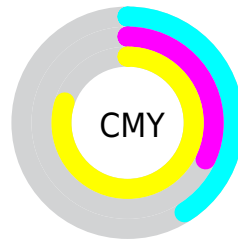


Cyan (13%)

Magenta (0%)

Yellow (70%)

Black (32%)



Cyan (41%)

Magenta (32%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97AE34 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 97AE34 by changing the saturation by 10% instead.



97AE34



97AE34

FFFFFF



7B9315



D0E56A



607A00



EDFF85



466100



FFFFA0



2C4900



FFFFBC



103200



FFFFD9



001F00



FFFFF6



000000



97AE34



97AE34



94AE23



9AAE45

 90AE11

 9EAE57

 8DAE00

 A1AE68

 A4AE7A

 A7AE8B

 ABAE9C

 AEAEAE

 B1AEBF

 B5AED1

Harmonies

Analogous

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



CC9D2C



97AE34



4FB95E

Triad

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



97AE34



00BAFD



FF71B3

Complementary

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



97AE34



4B34AE

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.



DC83E7



97AE34



00AEFF

Square

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



97AE34



00BFCF



8F9AFF



FF747B

Rectangle

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



97AE34



00BD82



8F9AFF



FA75C5

Sweetspot

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



97AE34



DAE3B3



AE4A34



6D7356



F2F2F2



737373

Same Dimension

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



97AE34



BFE324



5BAE34



55574E



7A9600



131700

Inverse Universe

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



4B34AE



4824E3



8734AE



504E57



1C0096



040017

Previews

White Background



This preview shows how the Hex color 97AE34 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 97AE34 Background



This preview shows how black text looks on a background with the Hex color 97AE34.



This preview shows how white text looks on a background with the Hex color 97AE34.

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
97AE34

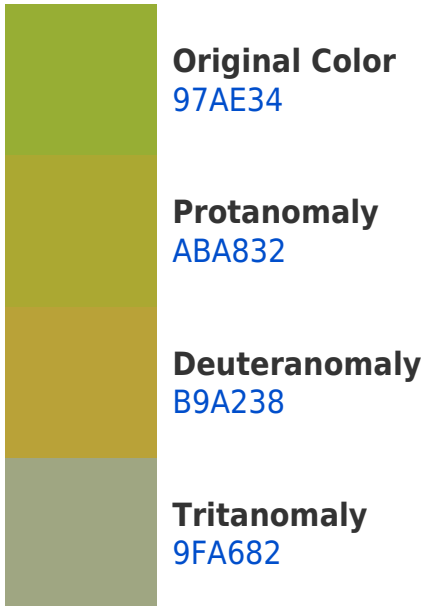
Protanopia
B7A431

Deuteranopia
CC9B3B

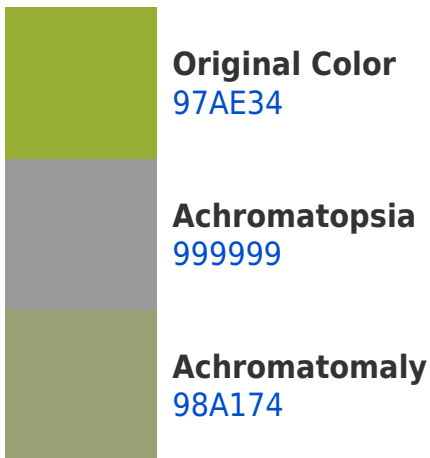


Tritanopia
A4A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 97AE34 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 #97AE34 looks like.

```
.text, #text, p{  
    color:#97AE34  
}
```

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 #97AE34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97AE34
}
```

Border

The CSS property to change the border of an element to Hex 97AE34 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
#97AE34 }
```

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

```
.border{ border-color:#97AE34 }
```

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

Here you see how a box with a 4 pixel #97AE34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97AE34; -webkit-box-shadow:4px 4px  
4px 4px #97AE34; box-shadow:4px 4px 4px  
4px #97AE34 }
```

Background

The CSS property to change the background color of an element to Hex 97AE34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97AE34 }
```

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

```
.background{ background-color:#97AE34 }
```

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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