

Converting Colors

Hex(97A356)

Have a look what the booklet for
Hex(97A356) contains.

Hex(97A356)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(97A356)

Conversions

Conversions Part 1

Format	Color
Hex	97A356
RGB	151, 163, 86
RGB Percent	59%, 64%, 34%
CMY	0.4078, 0.3608, 0.6627
CMYK	0.07, 0.00, 0.47, 0.36
HSL	69°, 31%, 49%
HSV	69°, 47%, 64%
XYZ	27.5394, 33.4456, 13.8083
YIQ	150.6340, 17.5650, -26.4910

Conversions

Conversions Part 2

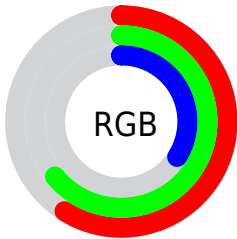
Format	Color
RYB	86, 163, 98
Decimal	9937750
CIELab	64.52, -16.21, 38.35
CIELCh	65, 41.631, 112.917
Yxy	33.4456, 0.3682, 0.4472
Android (android.graphics.Color)	4288127830 (0xFF97A356)
YUV	150.6340, -31.8646, 0.3210
Hunter-Lab	57.8322, -16.2054, 26.3262

Details

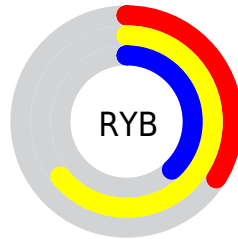
The Hex color **97A356** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **6256A3**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **CEDA89**, and **626F25** is the 20% darker color. If you saturate the color by 10%, you get **94A346**, and if you desaturate by 10%, it is **9AA366**.

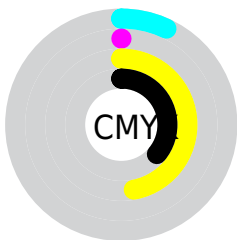
Distribution



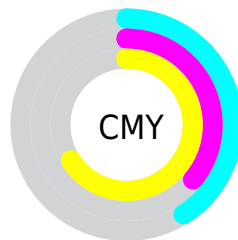
- Red (59%)
- Green (64%)
- Blue (34%)



- Red (34%)
- Yellow (64%)
- Blue (38%)



- Cyan (7%)
- Magenta (0%)
- Yellow (47%)
- Black (36%)



- Cyan (41%)
- Magenta (36%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97A356 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 97A356 by changing the saturation by 10% instead.

 97A356

 97A356

FFFFFF

 7C893D

 CEDA89

 626F25

 EBF6A4

 49570B

 FFFFC0

 314000

 FFFFDC

 192A00

 FFFFF9

 001700

 000000

 97A356

 97A356

 94A346

 9AA366

 92A335

 9CA377

 8FA325

 9FA387

 8DA315

 A1A397

 8AA304

 A4A3A8

 8AA300

 A6A3B8

 A9A3C8

 ABA3D8

 AEA3E9

Harmonies

Analogous

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



BB9752



97A356



6BAB6E

Triad

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



97A356



00ACD7



DE7FA7

Complementary

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



97A356



6256A3

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.



C288CA



97A356



4DA3E6

Square

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



97A356



00B0B8



9396E1



E38081

Rectangle

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



97A356



47AE85



9396E1



D781B3

Sweetspot

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



97A356



CFD4B6



A36256



686B59



EBEBEB



6B6B6B

Same Dimension

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



97A356



C1D45B



71A356



505249



7B9100



0F1200

Inverse Universe

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



6256A3



6E5BD4



8856A3



4B4952



170091



030012

Previews

White Background



This preview shows how the Hex color 97A356 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

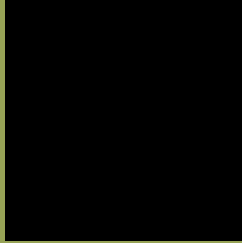
Any Text WCAG AA ✓ Pass

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 97A356 Background



This preview shows how black text looks on a background with the Hex color 97A356.



This preview shows how white text looks on a background with the Hex color 97A356.

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
97A356

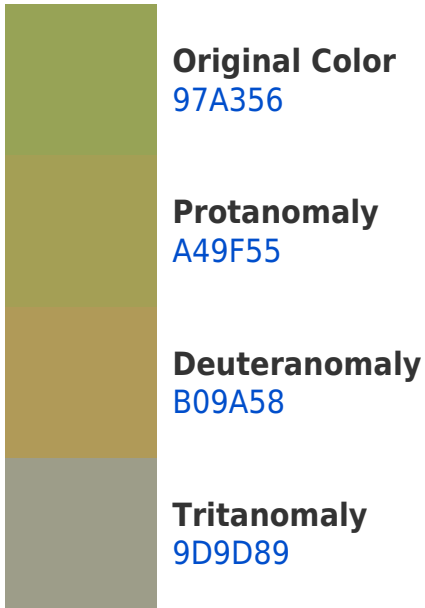
Protanopia
AC9C54

Deuteranopia
BE9559

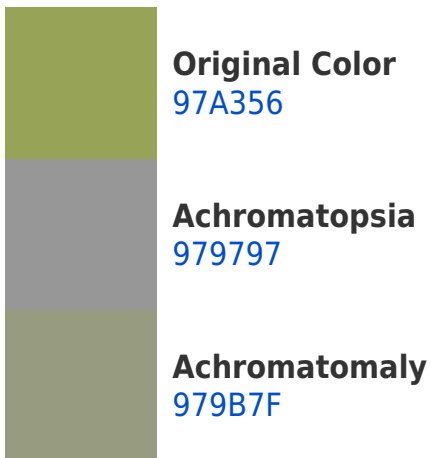


Tritanopia
A09AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 97A356 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 #97A356 looks like.

```
.text, #text, p{  
    color:#97A356  
}
```

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 #97A356 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97A356
}
```

Border

The CSS property to change the border of an element to Hex 97A356 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
#97A356 }
```

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

```
.border{ border-color:#97A356 }
```

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

Here you see how a box with a 4 pixel #97A356 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97A356; -webkit-box-shadow:4px 4px  
4px 4px #97A356; box-shadow:4px 4px 4px  
4px #97A356 }
```

Background

The CSS property to change the background color of an element to Hex 97A356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97A356 }
```

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

```
.background{ background-color:#97A356 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor