

Converting Colors

Hex(97A83F)

Have a look what the booklet for
Hex(97A83F) contains.

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Color

Hex(97A83F)

Conversions

Conversions Part 1

Format	Color
Hex	97A83F
RGB	151, 168, 63
RGB Percent	59%, 66%, 25%
CMY	0.4078, 0.3412, 0.7529
CMYK	0.10, 0.00, 0.62, 0.34
HSL	70°, 45%, 45%
HSV	70°, 62%, 66%
XYZ	27.6623, 34.9435, 9.9894
YIQ	150.9470, 23.5730, -36.2590

Conversions

Conversions Part 2

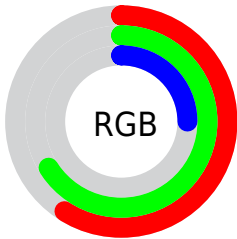
Format	Color
RYB	63, 168, 80
Decimal	9939007
CIELab	65.70, -20.83, 50.67
CIELCh	66, 54.779, 112.344
Yxy	34.9435, 0.3810, 0.4813
Android (android.graphics.Color)	4288129087 (0xFF97A83F)
YUV	150.9470, -43.3579, 0.0465
Hunter-Lab	59.1130, -19.9174, 31.3598

Details

The Hex color **97A83F** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **503FA8**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **CFDF73**, and **617401** is the 20% darker color. If you saturate the color by 10%, you get **94A82E**, and if you desaturate by 10%, it is **9AA850**.

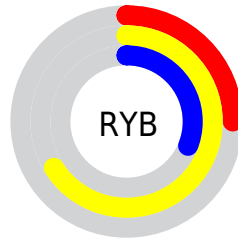
Distribution



Red (59%)

Green (66%)

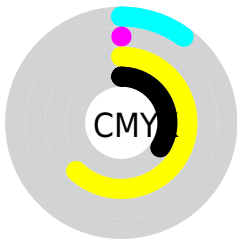
Blue (25%)



Red (25%)

Yellow (66%)

Blue (31%)

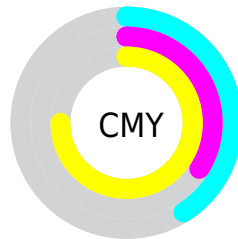


Cyan (10%)

Magenta (0%)

Yellow (62%)

Black (34%)



Cyan (41%)

Magenta (34%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97A83F 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 97A83F by changing the saturation by 10% instead.



97A83F



97A83F

FFFFFF



7C8E24



CFDF73



617401



ECFC8E



475B00



FFFFA9



2E4400



FFFFC5



142E00



FFFFE2



001B00



000000



97A83F



97A83F



94A82E



9AA850

■ 92A81D

■ 9CA861

■ 8FA80D

■ 9FA871

■ 8DA800

■ A2A882

■ A5A893

■ A7A8A4

■ AAA8B5

■ ADA8C5

■ AFA8D6

Harmonies

Analogous

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



C6993A



97A83F



5BB261

Triad

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



97A83F



00B3EC



F375AE

Complementary

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



97A83F



503FA8

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.



D084DC



97A83F



00A9FF

Square

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



97A83F



00B8C3



8D98FB



FA777D

Rectangle

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



97A83F



00B680



8D98FB



EB79BF

Sweetspot

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



97A83F



D5DBB2



A84F3F



6A6E54



EDEDED



6E6E6E

Same Dimension

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



97A83F



C1DB37



64A83F



53544C



7C9400



111400

Inverse Universe

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



503FA8



5137DB



833FA8



4D4C54



180094



030014

Previews

White Background



This preview shows how the Hex color 97A83F looks on a white background.

Color Contrast Check

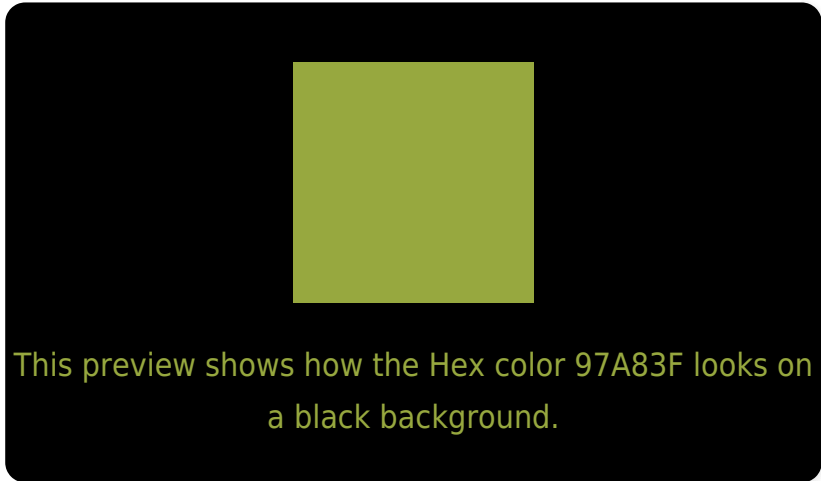
Large Text (above 18pt) WCAG AA × Fail

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 97A83F Background



This preview shows how black text looks on a background with the Hex color 97A83F.



This preview shows how white text looks on a background with the Hex color 97A83F.

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
97A83F

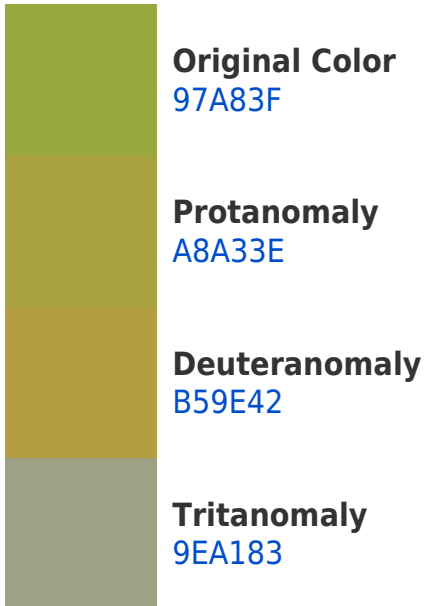
Protanopia
B2A03D

Deuteranopia
C69844



Tritanopia
A29DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 97A83F 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 #97A83F looks like.

```
.text, #text, p{  
    color:#97A83F  
}
```

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 #97A83F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97A83F
}
```

Border

The CSS property to change the border of an element to Hex 97A83F 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
#97A83F }
```

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

```
.border{ border-color:#97A83F }
```

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

Here you see how a box with a 4 pixel #97A83F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97A83F; -webkit-box-shadow:4px 4px  
4px 4px #97A83F; box-shadow:4px 4px 4px  
4px #97A83F }
```

Background

The CSS property to change the background color of an element to Hex 97A83F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97A83F }
```

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

```
.background{ background-color:#97A83F }
```

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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