

Converting Colors

Hex(97A372)

Have a look what the booklet for
Hex(97A372) contains.

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Color

Hex(97A372)

Conversions

Conversions Part 1

Format	Color
Hex	97A372
RGB	151, 163, 114
RGB Percent	59%, 64%, 45%
CMY	0.4078, 0.3608, 0.5529
CMYK	0.07, 0.00, 0.30, 0.36
HSL	75°, 21%, 54%
HSV	75°, 30%, 64%
XYZ	28.8970, 33.9886, 20.9570
YIQ	153.8260, 8.5770, -17.7830

Conversions

Conversions Part 2

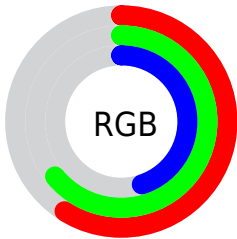
Format	Color
RYB	114, 163, 126
Decimal	9937778
CIELab	64.95, -12.73, 24.10
CIELCh	65, 27.256, 117.843
Yxy	33.9886, 0.3447, 0.4054
Android (android.graphics.Color)	4288127858 (0xFF97A372)
YUV	153.8260, -19.6342, -2.4784
Hunter-Lab	58.2997, -13.5489, 19.4968

Details

The Hex color **97A372** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7E72A3**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **CEDAA6**, and **636F41** is the 20% darker color. If you saturate the color by 10%, you get **93A362**, and if you desaturate by 10%, it is **9BA382**.

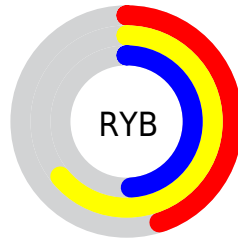
Distribution



Red (59%)

Green (64%)

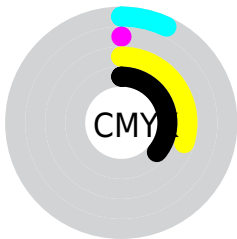
Blue (45%)



Red (45%)

Yellow (64%)

Blue (49%)

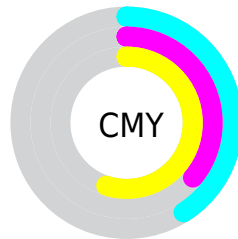


Cyan (7%)

Magenta (0%)

Yellow (30%)

Black (36%)



Cyan (41%)

Magenta (36%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97A372 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 97A372 by changing the saturation by 10% instead.

 97A372

 97A372

FFFFFF

 7D8959

 CEDAA6

 636F41


 EAF6C2

 4B572B

 FFFFDE

 344015

 FFFFFA

 1F2A00

 001600

 000000

 97A372

 97A372

 93A362

 9BA382

8FA351

9FA393

8BA341

A3A3A3

87A331

A7A3B3

83A321

ABA3C3

7FA310

AFA3D4

7BA300

B3A3E4

B7A3F4

BBA3FF

Harmonies

Analogous

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



B19B6D



97A372



7BA883

Triad

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



97A372



5CA7C6



CC8CA0

Complementary

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



97A372



7E72A3

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.



BB90B8



97A372



7CA0CE

Square

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



97A372



51ABB3



9F98C9



CE8D88

Rectangle

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



97A372



68AA93



9F98C9



C88DA9

Sweetspot

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



97A372



CFD4C1



A37D72



686B5F



EBEBEB



6B6B6B

Same Dimension

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



97A372



C1D487



7FA372



505249



6E9100



0D1200

Inverse Universe

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



7E72A3



9A87D4



9672A3



4B4952



240091



040012

Previews

White Background



This preview shows how the Hex color 97A372 looks on a white background.

Color Contrast Check

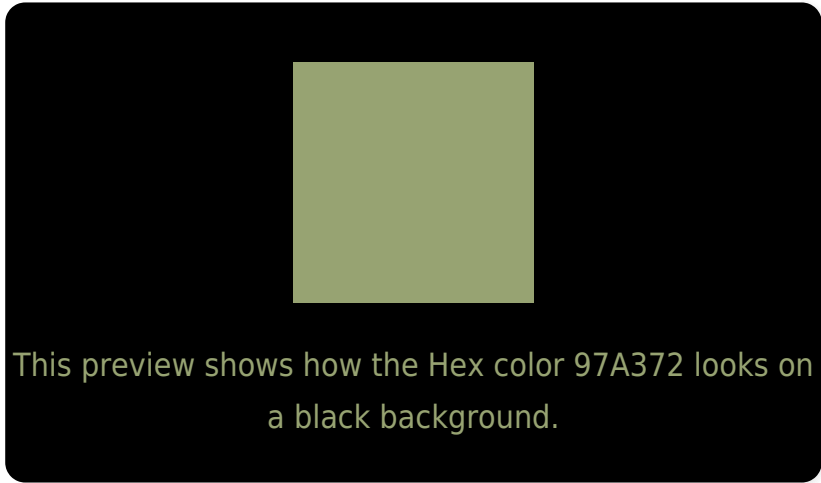
Large Text (above 18pt) WCAG AA × Fail

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

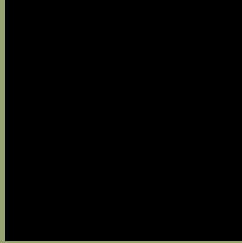
Any Text WCAG AA ✓ Pass

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 97A372 Background



This preview shows how black text looks on a background with the Hex color 97A372.

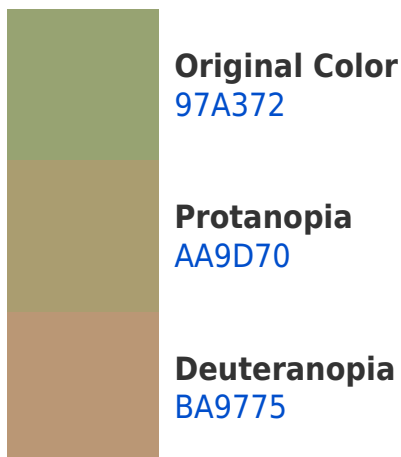


This preview shows how white text looks on a background with the Hex color 97A372.

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
9E9CA8

Trichromacy



Original Color
97A372

Protanomaly
A39F71

Deuteranomaly
AD9B74

Tritanomaly
9B9F94

Monochromacy



Original Color
97A372

Achromatopsia
9A9A9A

Achromatomaly
999D8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 97A372 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 #97A372 looks like.

```
.text, #text, p{  
    color:#97A372  
}
```

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 #97A372 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97A372
}
```

Border

The CSS property to change the border of an element to Hex 97A372 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
#97A372 }
```

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

```
.border{ border-color:#97A372 }
```

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

Here you see how a box with a 4 pixel #97A372 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97A372; -webkit-box-shadow:4px 4px  
4px 4px #97A372; box-shadow:4px 4px 4px  
4px #97A372 }
```

Background

The CSS property to change the background color of an element to Hex 97A372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97A372 }
```

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

```
.background{ background-color:#97A372 }
```

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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