

Converting Colors

Hex(97A076)

Have a look what the booklet for
Hex(97A076) contains.

Hex(97A076)	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(97A076)

Conversions

Conversions Part 1

Format	Color
Hex	97A076
RGB	151, 160, 118
RGB Percent	59%, 63%, 46%
CMY	0.4078, 0.3725, 0.5373
CMYK	0.06, 0.00, 0.26, 0.37
HSL	73°, 18%, 55%
HSV	73°, 26%, 63%
XYZ	28.6033, 33.0289, 22.0072
YIQ	152.5210, 8.1180, -14.9700

Conversions

Conversions Part 2

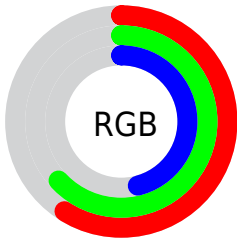
Format	Color
RYB	118, 160, 127
Decimal	9937014
CIELab	64.18, -10.56, 20.88
CIELCh	64, 23.394, 116.825
Yxy	33.0289, 0.3420, 0.3949
Android (android.graphics.Color)	4288127094 (0xFF97A076)
YUV	152.5210, -17.0189, -1.3339
Hunter-Lab	57.4708, -11.7341, 17.5257

Details

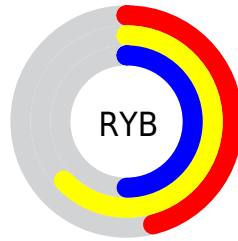
The Hex color **97A076** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7F76A0**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **CED7AA**, and **646D45** is the 20% darker color. If you saturate the color by 10%, you get **94A066**, and if you desaturate by 10%, it is **9AA086**.

Distribution



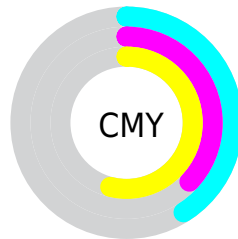
- Red (59%)
- Green (63%)
- Blue (46%)



- Red (46%)
- Yellow (63%)
- Blue (50%)



- Cyan (6%)
- Magenta (0%)
- Yellow (26%)
- Black (37%)



- Cyan (41%)
- Magenta (37%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97A076 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 97A076 by changing the saturation by 10% instead.

 97A076

 97A076

FFFFFF

 7D865D

 CED7AA

 646D45

 EAF3C6

 4B542F

 FFFFE2

 343D19

 1F2700

 001400

 000000

 97A076

 97A076

 94A066

 9AA086

 90A056

 9EA096

 8DA046

 A1A0A6

 89A036

 A5A0B6

 86A026

 A8A0C6

 82A016

 ACA0D6

 7FA006

 AFA0E6

 7EA000

 B2A0F6

 B6A0FF

Harmonies

Analogous

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



AD9972



97A076



7FA584

Triad

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



97A076



66A4BE



C38D9F

Complementary

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



97A076



7F76A0

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.



B490B3



97A076



7F9EC5

Square

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



97A076



5EA7AE



9C97C1



C68E8A

Rectangle

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



97A076



70A791



9C97C1



BF8DA6

Sweetspot

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



97A076



CED1C0



A07E76



66695E



E8E8E8



696969

Same Dimension

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



97A076



C3D18E



83A076



4D4F47



708F00



0C0F00

Inverse Universe

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



7F76A0



9D8ED1



9376A0



49474F



1F008F



03000F

Previews

White Background



This preview shows how the Hex color 97A076 looks on a white background.

Color Contrast Check

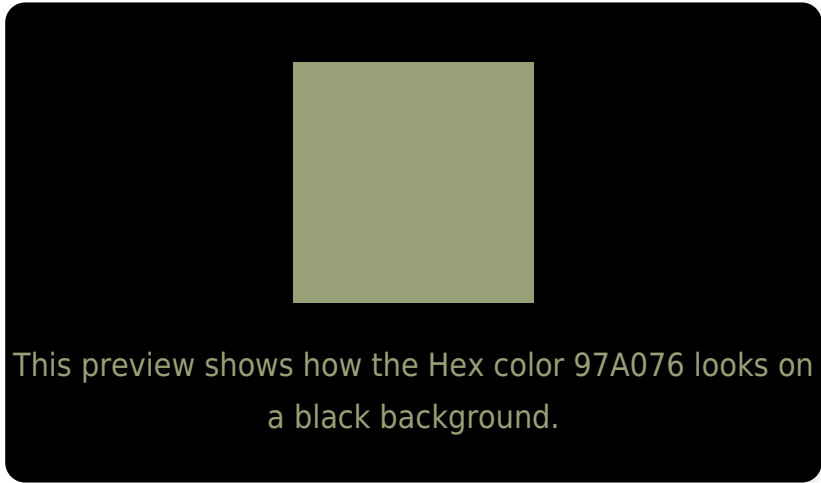
Large Text (above 18pt) WCAG AA × Fail

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

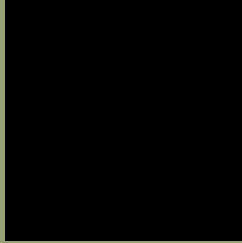
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

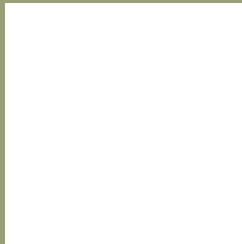
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 97A076 Background



This preview shows how black text looks on a background with the Hex color 97A076.



This preview shows how white text looks on a background with the Hex color 97A076.

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
97A076

Protanopia
A79B74

Deuteranopia
B69578

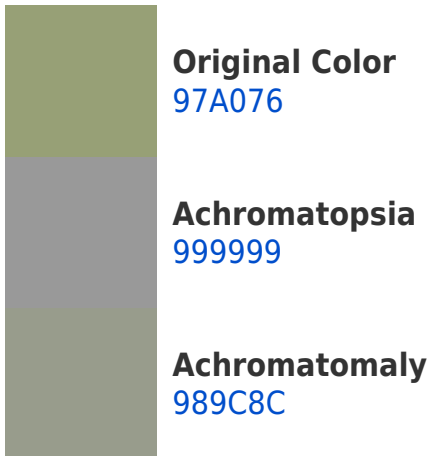


Tritanopia
9D9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 97A076 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 #97A076 looks like.

```
.text, #text, p{  
    color:#97A076  
}
```

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 #97A076 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97A076
}
```

Border

The CSS property to change the border of an element to Hex 97A076 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
#97A076 }
```

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

```
.border{ border-color:#97A076 }
```

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

Here you see how a box with a 4 pixel #97A076 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97A076; -webkit-box-shadow:4px 4px  
4px 4px #97A076; box-shadow:4px 4px 4px  
4px #97A076 }
```

Background

The CSS property to change the background color of an element to Hex 97A076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97A076 }
```

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

```
.background{ background-color:#97A076 }
```

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