

Converting Colors

Hex(97A765)

Have a look what the booklet for
Hex(97A765) contains.

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Color

Hex(97A765)

Conversions

Conversions Part 1

Format	Color
Hex	97A765
RGB	151, 167, 101
RGB Percent	59%, 65%, 40%
CMY	0.4078, 0.3451, 0.6039
CMYK	0.10, 0.00, 0.40, 0.35
HSL	75°, 27%, 53%
HSV	75°, 40%, 65%
XYZ	28.9302, 35.1563, 17.5730
YIQ	154.6920, 11.6500, -23.9180

Conversions

Conversions Part 2

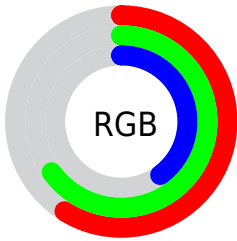
Format	Color
RYB	101, 167, 117
Decimal	9938789
CIELab	65.87, -16.55, 32.26
CIELCh	66, 36.263, 117.158
Yxy	35.1563, 0.3543, 0.4305
Android (android.graphics.Color)	4288128869 (0xFF97A765)
YUV	154.6920, -26.4702, -3.2379
Hunter-Lab	59.2928, -16.6685, 23.9328

Details

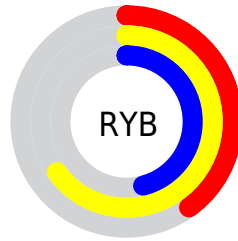
The Hex color **97A765** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7565A7**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **CEDE99**, and **637334** is the 20% darker color. If you saturate the color by 10%, you get **93A754**, and if you desaturate by 10%, it is **9BA776**.

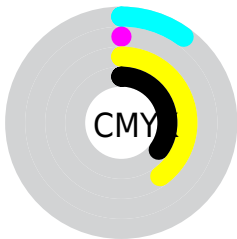
Distribution



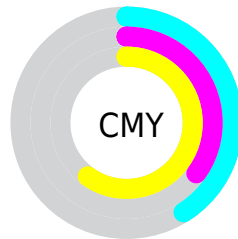
- Red (59%)
- Green (65%)
- Blue (40%)



- Red (40%)
- Yellow (65%)
- Blue (46%)



- Cyan (10%)
- Magenta (0%)
- Yellow (40%)
- Black (35%)



- Cyan (41%)
- Magenta (35%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97A765 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 97A765 by changing the saturation by 10% instead.

 97A765

 97A765

FFFFFF

 7D8D4C

 CEDE99

 637334

 EBFBB4

 4A5A1D

 FFFFD0

 324305

 FFFFEC

 1C2D00

 001A00

 000000

 97A765

 97A765

 93A754

 9BA776

8FA744

9FA786

8BA733

A3A797

87A722

A7A7A8

83A711

ABA7B8

7FA701

AFA7C9

7FA700

B3A7DA

B7A7EB

BBA7FB

Harmonies

Analogous

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



B89D5F



97A765



71AE7C

Triad

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



97A765



2FADD6



DC87A4

Complementary

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



97A765



7565A7

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.



C68DC4



97A765



6BA4E1

Square

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



97A765



11B1BD



9F99DA



DF8984

Rectangle

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



97A765



54B191



9F99DA



D788AF

Sweetspot

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



97A765



D2D9BF



A77465



6A6E5E



EDEDED



6E6E6E

Same Dimension

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



97A765



C0D973



77A765



52544C



709400



0F1400

Inverse Universe

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



7565A7



8C73D9



9565A7



4E4C54



240094



050014

Previews

White Background



This preview shows how the Hex color 97A765 looks on a white background.

Color Contrast Check

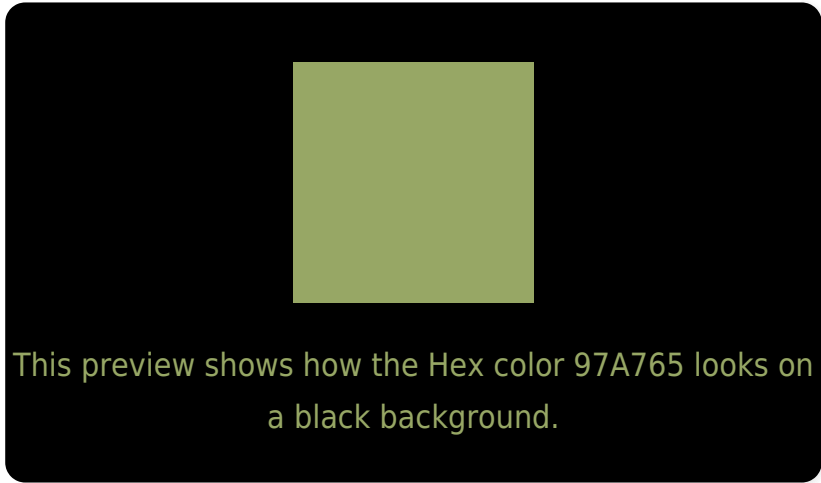
Large Text (above 18pt) WCAG AA × Fail

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

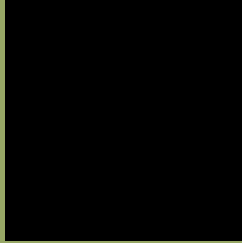
Any Text WCAG AA ✓ Pass

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 97A765 Background



This preview shows how black text looks on a background with the Hex color 97A765.



This preview shows how white text looks on a background with the Hex color 97A765.

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
97A765

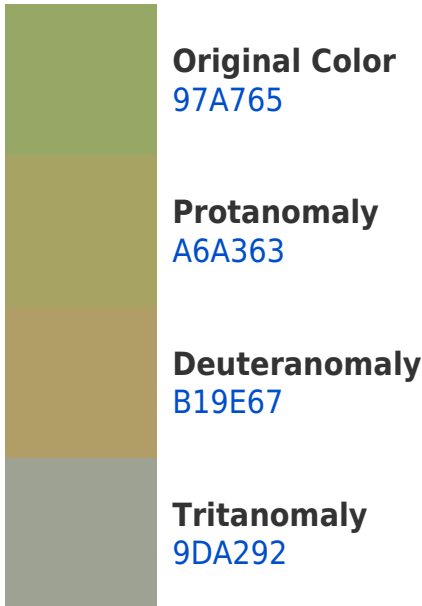
Protanopia
AEA062

Deuteranopia
C09968

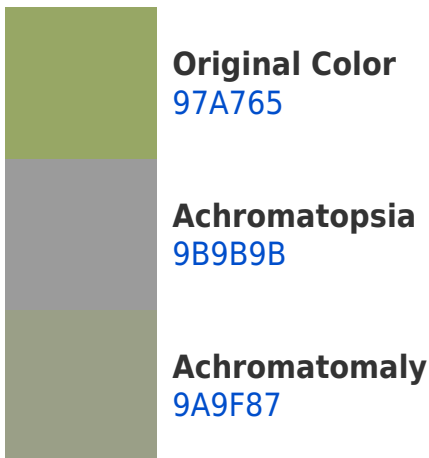


Tritanopia
A09FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 97A765 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 #97A765 looks like.

```
.text, #text, p{  
    color:#97A765  
}
```

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 #97A765 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97A765
}
```

Border

The CSS property to change the border of an element to Hex 97A765 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
#97A765 }
```

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

```
.border{ border-color:#97A765 }
```

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

Here you see how a box with a 4 pixel #97A765 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97A765; -webkit-box-shadow:4px 4px  
4px 4px #97A765; box-shadow:4px 4px 4px  
4px #97A765 }
```

Background

The CSS property to change the background color of an element to Hex 97A765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97A765 }
```

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

```
.background{ background-color:#97A765 }
```

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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