

Converting Colors

Hex(97976A)

Have a look what the booklet for
Hex(97976A) contains.

Hex(97976A)	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(97976A)

Conversions

Conversions Part 1

Format	Color
Hex	97976A
RGB	151, 151, 106
RGB Percent	59%, 59%, 42%
CMY	0.4078, 0.4078, 0.5843
CMYK	0.00, 0.00, 0.30, 0.41
HSL	60°, 18%, 50%
HSV	60°, 30%, 59%
XYZ	26.4306, 29.7531, 17.9856
YIQ	145.8700, 14.4450, -13.9950

Conversions

Conversions Part 2

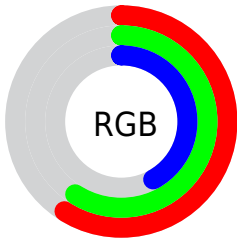
Format	Color
RYB	106, 151, 106
Decimal	9934698
CIELab	61.44, -7.44, 23.78
CIELCh	61, 24.918, 107.369
Yxy	29.7531, 0.3564, 0.4012
Android (android.graphics.Color)	4288124778 (0xFF97976A)
YUV	145.8700, -19.6559, 4.4990
Hunter-Lab	54.5464, -8.9636, 18.6329

Details

The Hex color **97976A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6A6A97**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **CECD9E**, and **63643A** is the 20% darker color. If you saturate the color by 10%, you get **97975B**, and if you desaturate by 10%, it is **979779**.

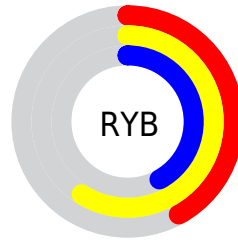
Distribution



Red (59%)

Green (59%)

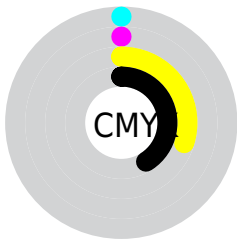
Blue (42%)



Red (42%)

Yellow (59%)

Blue (42%)

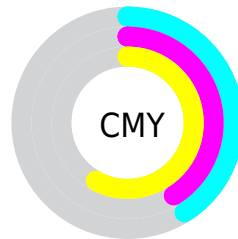


Cyan (0%)

Magenta (0%)

Yellow (30%)

Black (41%)



Cyan (41%)

Magenta (41%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97976A 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 97976A by changing the saturation by 10% instead.

 97976A

 97976A

FFFFFF

 7D7D52

 CECD9E

 63643A


 EAE9B9

 4B4C24

 FFFFD4

 33360E

 FFFFF1

 1E2000

 000A00

 000000

 97976A

 97976A

 97975B

 979779

97974C

979788

97973D

979797

97972E

9797A6

97971E

9797B6

97970F

9797C5

979700

9797D4

9797E3

9797F2

Harmonies

Analogous

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



AD906A



97976A



7E9D76

Triad

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



97976A



549EB4



BA859F

Complementary

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



97976A



6A6A97

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.



A78AB2



97976A



6B99BF

Square

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



97976A



53A1A1



8B92BE



C18488

Rectangle

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



97976A



6D9F83



8B92BE



B586A6

Sweetspot

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



97976A



C4C4B3



976A6A



636359



E3E3E3



636363

Same Dimension

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



97976A



C4C47E



81976A



4D4D45



8C8C00



0D0D00

Inverse Universe

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



6A6A97



7E7EC4



816A97



45454D



00008C



00000D

Previews

White Background



This preview shows how the Hex color 97976A looks on a white background.

Color Contrast Check

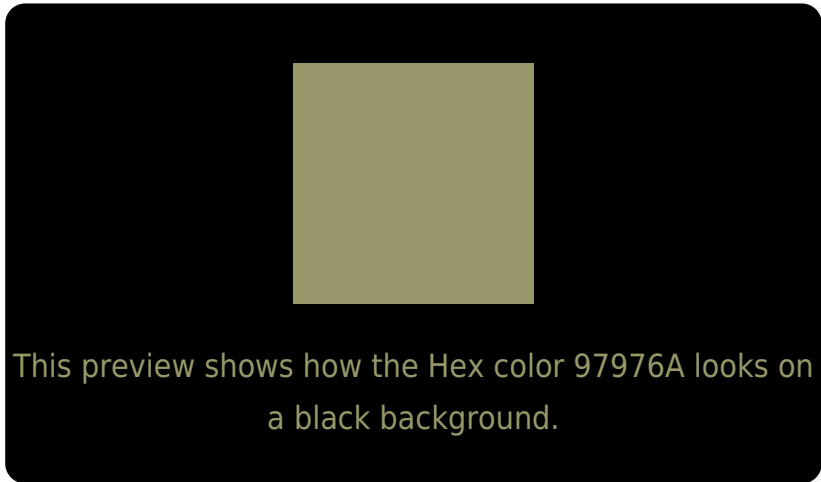
Large Text (above 18pt) WCAG AA ✓ Pass

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

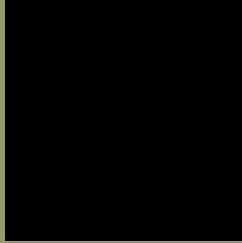
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 97976A Background



This preview shows how black text looks on a background with the Hex color 97976A.



This preview shows how white text looks on a background with the Hex color 97976A.

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
97976A

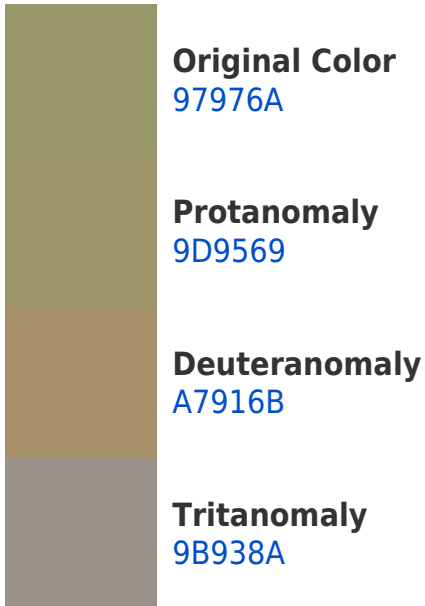
Protanopia
A09469

Deuteranopia
B08E6C

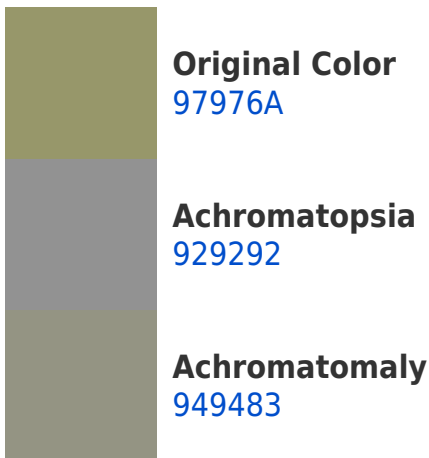


Tritanopia
9D919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 97976A 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 #97976A looks like.

```
.text, #text, p{  
    color:#97976A  
}
```

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 #97976A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97976A
}
```

Border

The CSS property to change the border of an element to Hex 97976A 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
#97976A }
```

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

```
.border{ border-color:#97976A }
```

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

Here you see how a box with a 4 pixel #97976A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97976A; -webkit-box-shadow:4px 4px  
4px 4px #97976A; box-shadow:4px 4px 4px  
4px #97976A }
```

Background

The CSS property to change the background color of an element to Hex 97976A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97976A }
```

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

```
.background{ background-color:#97976A }
```

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