

Converting Colors

Hex(97983D)

Have a look what the booklet for
Hex(97983D) contains.

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Color

Hex(97983D)

Conversions

Conversions Part 1

Format	Color
Hex	97983D
RGB	151, 152, 61
RGB Percent	59%, 60%, 24%
CMY	0.4078, 0.4039, 0.7608
CMYK	0.01, 0.00, 0.60, 0.40
HSL	61°, 43%, 42%
HSV	61°, 60%, 60%
XYZ	24.8330, 29.3727, 8.7755
YIQ	141.3270, 28.6150, -28.5130

Conversions

Conversions Part 2

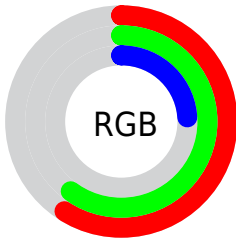
Format	Color
RYB	61, 152, 62
Decimal	9934909
CIELab	61.11, -12.72, 46.56
CIELCh	61, 48.263, 105.284
Yxy	29.3727, 0.3943, 0.4664
Android (android.graphics.Color)	4288124989 (0xFF97983D)
YUV	141.3270, -39.6012, 8.4832
Hunter-Lab	54.1966, -13.0548, 28.3373

Details

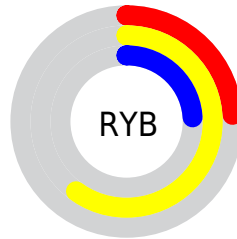
The Hex color **97983D** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3E3D98**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **CFCE70**, and **616504** is the 20% darker color. If you saturate the color by 10%, you get **97982E**, and if you desaturate by 10%, it is **97984C**.

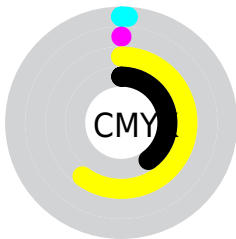
Distribution



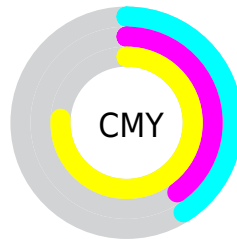
- Red (59%)
- Green (60%)
- Blue (24%)



- Red (24%)
- Yellow (60%)
- Blue (24%)



- Cyan (1%)
- Magenta (0%)
- Yellow (60%)
- Black (40%)



- Cyan (41%)
- Magenta (40%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97983D 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 97983D by changing the saturation by 10% instead.

 97983D

 97983D

FFFFFF

 7C7E23

 CFCE70

 616504

 ECEA8B

 484D00

 FFFFA6

 2F3700

 FFFFC1

 162200

 FFFFDE

 000800

 FFFFFB

 000000

 97983D

 97983D

 97982E

 97984C

 97981F

 97985B

 96980F

 98986B

 969800

 98987A

 989889

 989898

 9898A7

 9898B7

 9998C6

Harmonies

Analogous

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



BE8A3F



97983D



67A255

Triad

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



97983D



00A6CF



D772AA

Complementary

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



97983D



3E3D98

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.



B280D0



97983D



009EE6

Square

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



97983D



00A9A9



7290E6



E36F7F

Rectangle

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



97983D



3AA66E



7290E6



CE75B8

Sweetspot

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



97983D



C4C4A1



983D3D



63634E



E3E3E3



636363

Same Dimension

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



97983D



C3C437



6B983D



4C4D45



8B8C00



0D0D00

Inverse Universe

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



3E3D98



3937C4



6B3D98



45454D



02008C



00000D

Previews

White Background



This preview shows how the Hex color 97983D looks on a white background.

Color Contrast Check

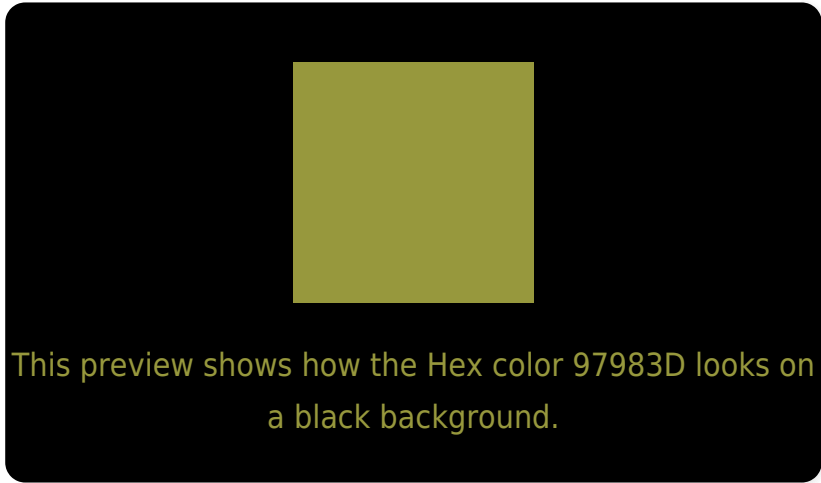
Large Text (above 18pt) WCAG AA ✓ Pass

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

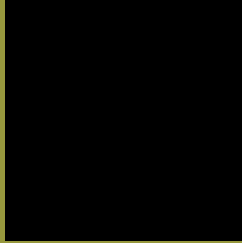
Any Text WCAG AA ✓ Pass

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 97983D Background



This preview shows how black text looks on a background with the Hex color 97983D.

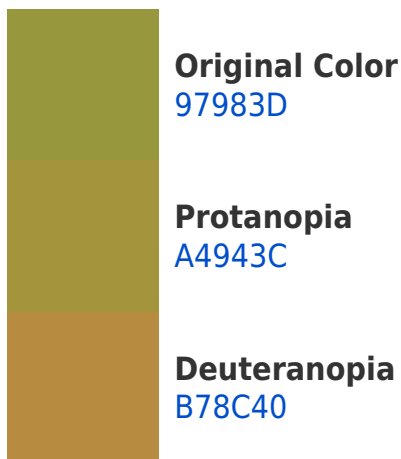


This preview shows how white text looks on a background with the Hex color 97983D.

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](#).

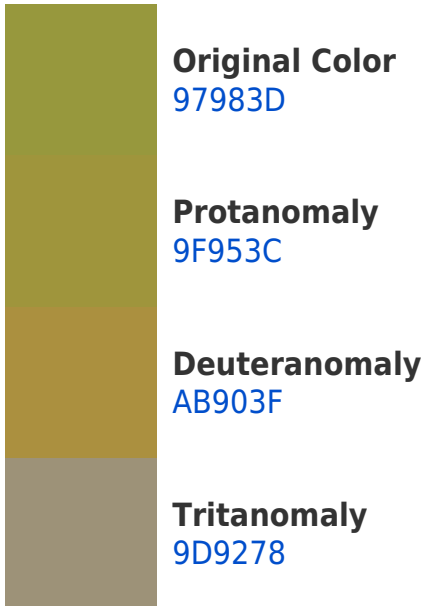
Dichromacy





Tritanopia
A08F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 97983D 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 #97983D looks like.

```
.text, #text, p{  
    color:#97983D  
}
```

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 #97983D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97983D
}
```

Border

The CSS property to change the border of an element to Hex 97983D 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
#97983D }
```

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

```
.border{ border-color:#97983D }
```

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

Here you see how a box with a 4 pixel #97983D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97983D; -webkit-box-shadow:4px 4px  
4px 4px #97983D; box-shadow:4px 4px 4px  
4px #97983D }
```

Background

The CSS property to change the background color of an element to Hex 97983D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97983D }
```

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

```
.background{ background-color:#97983D }
```

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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