

Converting Colors

Hex(97872D)

Have a look what the booklet for
Hex(97872D) contains.

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Color

Hex(97872D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 97872D |
| RGB | 151, 135, 45 |
| RGB Percent | 59%, 53%, 18% |
| CMY | 0.4078, 0.4706, 0.8235 |
| CMYK | 0.00, 0.11, 0.70, 0.41 |
| HSL | 51°, 54%, 38% |
| HSV | 51°, 70%, 59% |
| XYZ | 21.9001, 24.0967, 5.9795 |
| YIQ | 129.5240, 38.4260, -24.5980 |

Conversions

Conversions Part 2

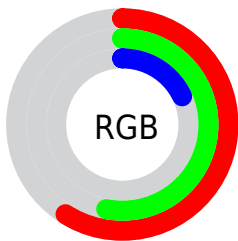
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 64, 151, 45 |
| Decimal | 9930541 |
| CIELab | 56.18, -4.61, 48.44 |
| CIELCh | 56, 48.654, 95.437 |
| Yxy | 24.0967, 0.4213, 0.4636 |
| Android (android.graphics.Color) | 4288120621 (0xFF97872D) |
| YUV | 129.5240, -41.6703, 18.8345 |
| Hunter-Lab | 49.0884, -6.2694, 27.1397 |

Details

The Hex color **97872D** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2D3D97**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **D0BC60**, and **615600** is the 20% darker color. If you saturate the color by 10%, you get **97851E**, and if you desaturate by 10%, it is **97893C**.

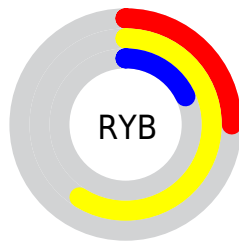
Distribution



Red (59%)

Green (53%)

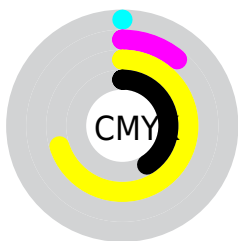
Blue (18%)



Red (25%)

Yellow (59%)

Blue (18%)

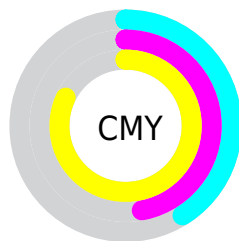


Cyan (0%)

Magenta (11%)

Yellow (70%)

Black (41%)



Cyan (41%)

Magenta (47%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97872D 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 97872D by changing the saturation by 10% instead.

 97872D

 97872D

FFFFFF

 7C6E11

 D0BC60

 615600

 EDD87A

 473F00

 FFF495

 2D2900

 FFFF80

 141500

 FFFFCC

 000000

 FFFFEE

 97872D

 97872D

 97851E

 97893C

■ 97820F

■ 978C4B

■ 978000

■ 978E5A

■ 979069

■ 979279

■ 979588

■ 979797

■ 9799A6

■ 979CB5

Harmonies

Analogous

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



BA7839



97872D



6B923E

Triad

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



97872D



009AB7



C068AB

Complementary

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



97872D



2D3D97

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.



9378CC



97872D



0094D3

Square

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



97872D



009C8D



4289DB



D46181

Rectangle

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



97872D



459755



4289DB



B46DB7

Sweetspot

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



97872D



C4BE9B



972D3F



63604B



E3E3E3



636363

Same Dimension

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



97872D



C4AB1F



74972D



4D4B45



8C7700



0D0B00

Inverse Universe

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



2D3D97



1F38C4



502D97



45464D



00158C



00020D

Previews

White Background



This preview shows how the Hex color 97872D looks on a white background.

Color Contrast Check

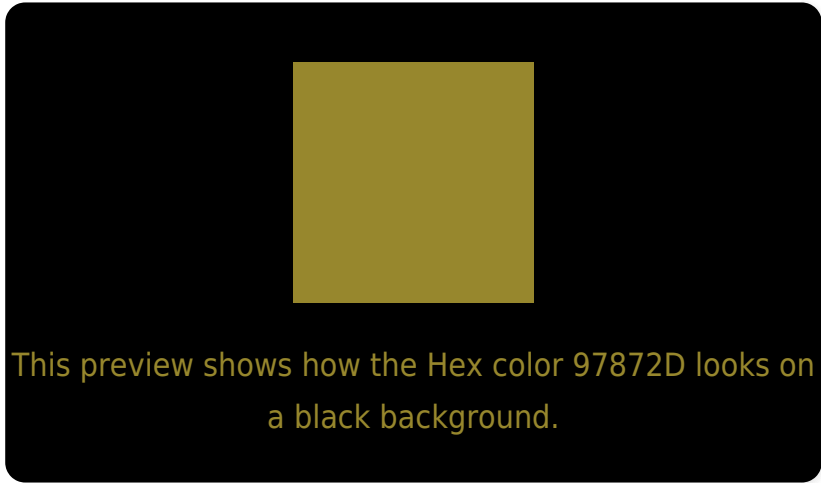
Large Text (above 18pt) WCAG AA ✓ Pass

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

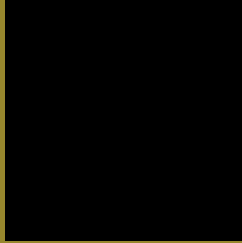
Any Text WCAG AA ✓ Pass

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 97872D Background



This preview shows how black text looks on a background with the Hex color 97872D.



This preview shows how white text looks on a background with the Hex color 97872D.

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
97872D

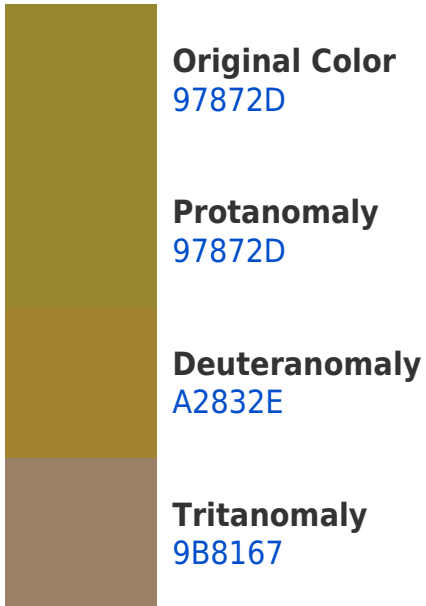
Protanopia
97872D

Deuteranopia
A8802F

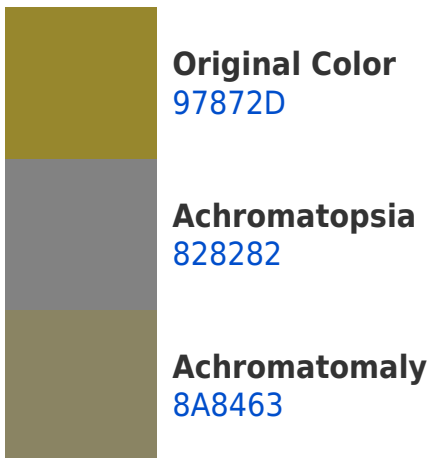


Tritanopia
9E7E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 97872D 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 #97872D looks like.

```
.text, #text, p{  
    color:#97872D  
}
```

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 #97872D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97872D
}
```

Border

The CSS property to change the border of an element to Hex 97872D 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
#97872D }
```

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

```
.border{ border-color:#97872D }
```

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

Here you see how a box with a 4 pixel #97872D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97872D; -webkit-box-shadow:4px 4px  
4px 4px #97872D; box-shadow:4px 4px 4px  
4px #97872D }
```

Background

The CSS property to change the background color of an element to Hex 97872D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97872D }
```

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

```
.background{ background-color:#97872D }
```

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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