

Converting Colors

Hex(96802D)

Have a look what the booklet for
Hex(96802D) contains.

Hex(96802D)	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(96802D)

Conversions

Conversions Part 1

Format	Color
Hex	96802D
RGB	150, 128, 45
RGB Percent	59%, 50%, 18%
CMY	0.4118, 0.4980, 0.8235
CMYK	0.00, 0.15, 0.70, 0.41
HSL	47°, 54%, 38%
HSV	47°, 70%, 59%
XYZ	20.7705, 22.1118, 5.6559
YIQ	125.1160, 39.7550, -21.1490

Conversions

Conversions Part 2

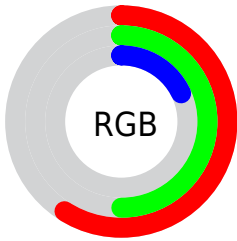
Format	Color
R_{YB}	73, 150, 45
Decimal	9863213
CIE Lab	54.15, -1.18, 46.32
CIE LCh	54, 46.332, 91.466
Yxy	22.1118, 0.4279, 0.4556
Android (android.graphics.Color)	4288053293 (0xFF96802D)
YUV	125.1160, -39.4972, 21.8233
Hunter-Lab	47.0232, -3.4459, 25.7849

Details

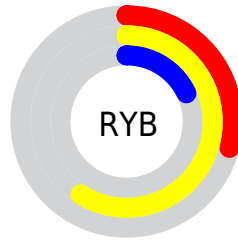
The Hex color **96802D** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2D4396**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **CFB560**, and **604F00** is the 20% darker color. If you saturate the color by 10%, you get **967D1E**, and if you desaturate by 10%, it is **96833C**.

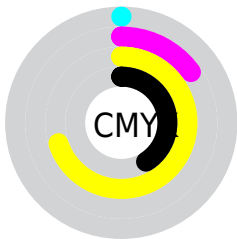
Distribution



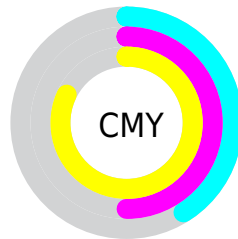
- Red (59%)
- Green (50%)
- Blue (18%)



- Red (29%)
- Yellow (59%)
- Blue (18%)



- Cyan (0%)
- Magenta (15%)
- Yellow (70%)
- Black (41%)



- Cyan (41%)
- Magenta (50%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96802D 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 96802D by changing the saturation by 10% instead.



96802D



96802D

FFFFFF



7B6712



CFB560



604F00



ECD079



463900



FFEC94



2C2300



FFFFAF



120F00



FFFFCB



000000



FFFFE8



96802D



96802D



967D1E



96833C

■ 967A0F

■ 96864B

■ 967700

■ 96895A

■ 968D69

■ 969078

■ 969387

■ 969696

■ 9699A5

■ 969CB4

Harmonies

Analogous

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



B6713B



96802D



6D8B3A

Triad

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



96802D



0094AA



B466A8

Complementary

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



96802D



2D4396

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.



8676C6



96802D



008FC7

Square

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



96802D



009582



3285D1



CA5E81

Rectangle

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



96802D



4C904D



3285D1



A76BB4

Sweetspot

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



96802D



C2B999



962D44



615C49



E0E0E0



616161

Same Dimension

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



96802D



C2A01F



78962D



4A4843



8A6D00



0A0800

Inverse Universe

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



2D4396



1F41C2



4B2D96



43444A



001D8A



00020A

Previews

White Background



This preview shows how the Hex color 96802D looks on a white background.

Color Contrast Check

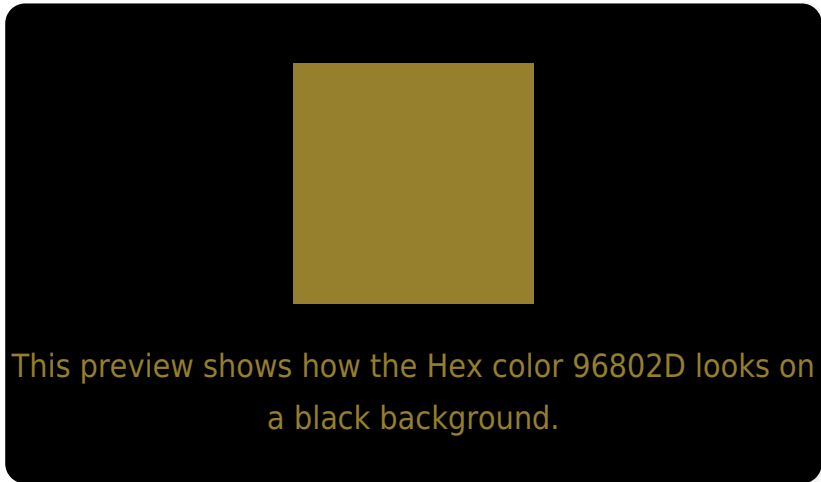
Large Text (above 18pt) WCAG AA ✓ Pass

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 96802D Background



This preview shows how black text looks on a background with the Hex color 96802D.



This preview shows how white text looks on a background with the Hex color 96802D.

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
96802D

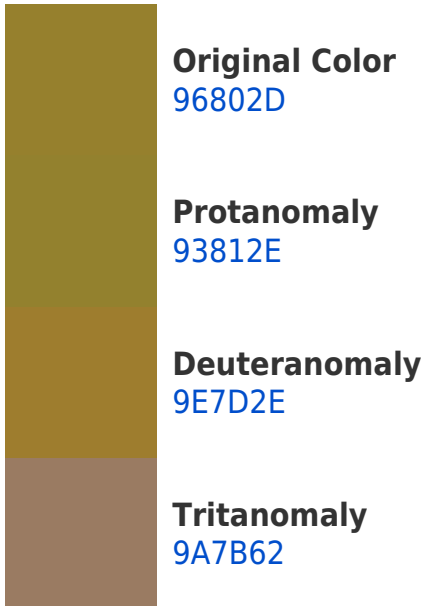
Protanopia
91822E

Deuteranopia
A27B2F

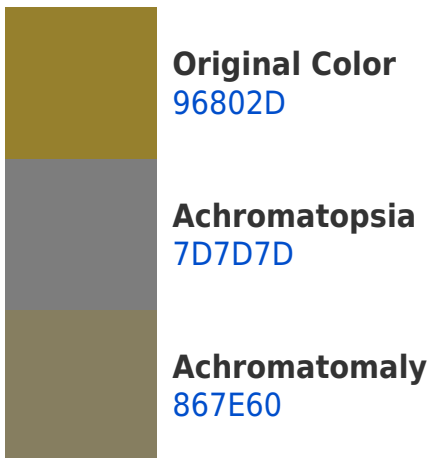


Tritanopia
9C7881

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96802D 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 #96802D looks like.

```
.text, #text, p{  
    color:#96802D  
}
```

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 #96802D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96802D
}
```

Border

The CSS property to change the border of an element to Hex 96802D 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
#96802D }
```

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

```
.border{ border-color:#96802D }
```

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

Here you see how a box with a 4 pixel #96802D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96802D; -webkit-box-shadow:4px 4px  
4px 4px #96802D; box-shadow:4px 4px 4px  
4px #96802D }
```

Background

The CSS property to change the background color of an element to Hex 96802D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96802D }
```

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

```
.background{ background-color:#96802D }
```

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