

Converting Colors

Hex(96812B)

Have a look what the booklet for
Hex(96812B) contains.

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Color

Hex(96812B)

Conversions

Conversions Part 1

Format	Color
Hex	96812B
RGB	150, 129, 43
RGB Percent	59%, 51%, 17%
CMY	0.4118, 0.4941, 0.8314
CMYK	0.00, 0.14, 0.71, 0.41
HSL	48°, 55%, 38%
HSV	48°, 71%, 59%
XYZ	20.8640, 22.3590, 5.5016
YIQ	125.4750, 40.1220, -22.2940

Conversions

Conversions Part 2

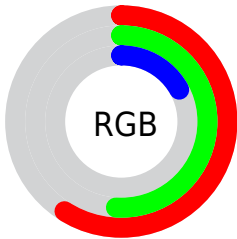
Format	Color
RYB	69, 150, 43
Decimal	9863467
CIELab	54.41, -1.86, 47.45
CIELCh	54, 47.487, 92.240
Yxy	22.3590, 0.4282, 0.4589
Android (android.graphics.Color)	4288053547 (0xFF96812B)
YUV	125.4750, -40.6602, 21.5084
Hunter-Lab	47.2853, -3.9885, 26.2014

Details

The Hex color **96812B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2B4096**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **CFB65E**, and **605000** is the 20% darker color. If you saturate the color by 10%, you get **967E1C**, and if you desaturate by 10%, it is **96843A**.

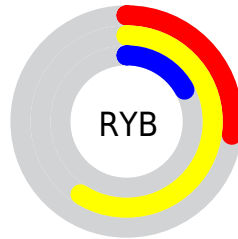
Distribution



Red (59%)

Green (51%)

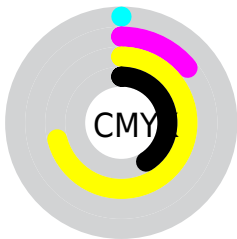
Blue (17%)



Red (27%)

Yellow (59%)

Blue (17%)

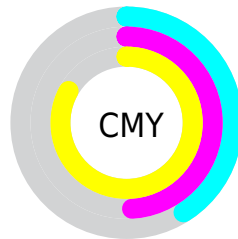


Cyan (0%)

Magenta (14%)

Yellow (71%)

Black (41%)



Cyan (41%)

Magenta (49%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96812B 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 96812B by changing the saturation by 10% instead.

 96812B

 96812B

FFFFFF

 7A680F

 CFB65E

 605000

 ECD178

 463900

 FFED92

 2C2400

 FFFFAE

 121000

 FFFFC A

 000000

 FFFF E6

 96812B

 96812B

 967E1C

 96843A

■ 967B0D

■ 968749

■ 967900

■ 968A58

■ 968D67

■ 969076

■ 969385

■ 969694

■ 9699A3

■ 969BB2

Harmonies

Analogous

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



B77239



96812B



6C8C39

Triad

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



96812B



0095AD



B766A9

Complementary

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



96812B



2B4096

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.



8876C8



96812B



0090CA

Square

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



96812B



009684



3186D4



CC5D81

Rectangle

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



96812B



49924E



3186D4



AA6BB5

Sweetspot

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



96812B



C2BA99



962B40



615C49



E0E0E0



616161

Same Dimension

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



96812B



C2A11B



76962B



4A4843



8A6F00



0A0800

Inverse Universe

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



2B4096



1B3CC2



4B2B96



43444A



001B8A



00020A

Previews

White Background



This preview shows how the Hex color 96812B looks on a white background.

Color Contrast Check

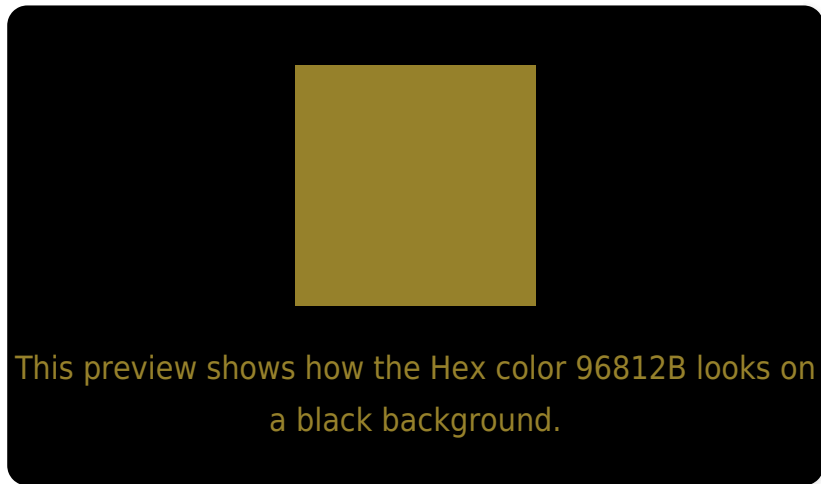
Large Text (above 18pt) WCAG AA ✓ Pass

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

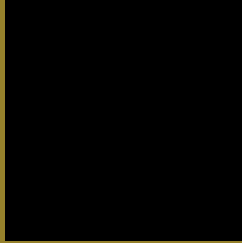
Any Text WCAG AA ✓ Pass

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 96812B Background



This preview shows how black text looks on a background with the Hex color 96812B.



This preview shows how white text looks on a background with the Hex color 96812B.

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
96812B

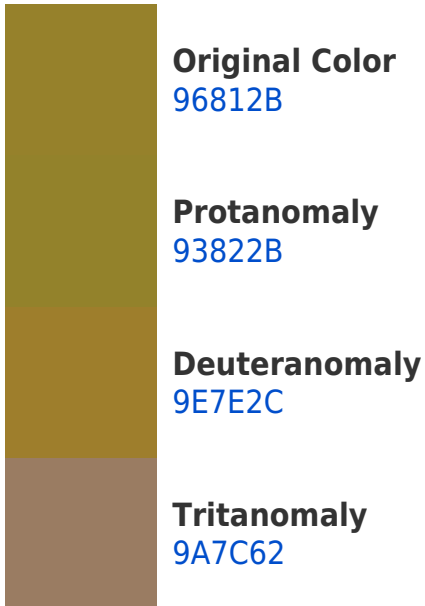
Protanopia
92832B

Deuteranopia
A37C2D

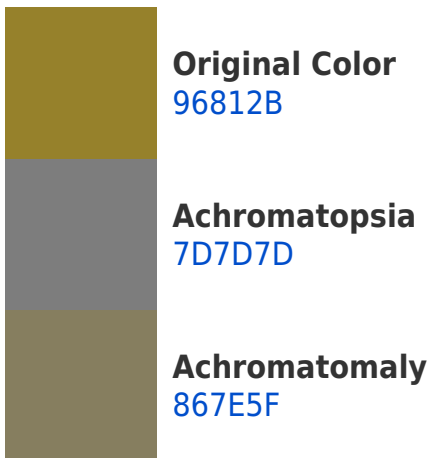


Tritanopia
9D7982

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96812B 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 #96812B looks like.

```
.text, #text, p{  
    color:#96812B  
}
```

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 #96812B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96812B
}
```

Border

The CSS property to change the border of an element to Hex 96812B 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
#96812B }
```

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

```
.border{ border-color:#96812B }
```

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

Here you see how a box with a 4 pixel #96812B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96812B; -webkit-box-shadow:4px 4px  
4px 4px #96812B; box-shadow:4px 4px 4px  
4px #96812B }
```

Background

The CSS property to change the background color of an element to Hex 96812B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96812B }
```

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

```
.background{ background-color:#96812B }
```

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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