

Converting Colors

Hex(96861D)

Have a look what the booklet for
Hex(96861D) contains.

Hex(96861D)	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(96861D)

Conversions

Conversions Part 1

Format	Color
Hex	96861D
RGB	150, 134, 29
RGB Percent	59%, 53%, 11%
CMY	0.4118, 0.4745, 0.8863
CMYK	0.00, 0.11, 0.81, 0.41
HSL	52°, 68%, 35%
HSV	52°, 81%, 59%
XYZ	21.3245, 23.6229, 4.5982
YIQ	126.8140, 43.2410, -29.2630

Conversions

Conversions Part 2

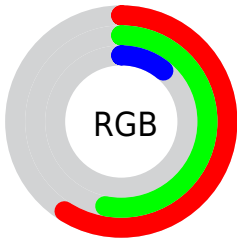
Format	Color
R_{YB}	47, 150, 29
Decimal	9864733
CIE Lab	55.71, -5.27, 53.99
CIE LCh	56, 54.244, 95.572
Yxy	23.6229, 0.4304, 0.4768
Android (android.graphics.Color)	4288054813 (0xFF96861D)
YUV	126.8140, -48.2223, 20.3341
Hunter-Lab	48.6034, -6.7399, 28.4132

Details

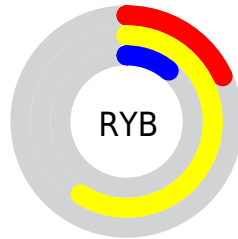
The Hex color **96861D** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **1D2D96**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **CFBB53**, and **5F5500** is the 20% darker color. If you saturate the color by 10%, you get **96840E**, and if you desaturate by 10%, it is **96882C**.

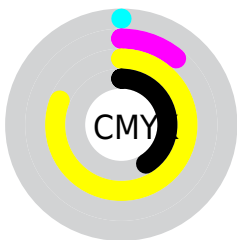
Distribution



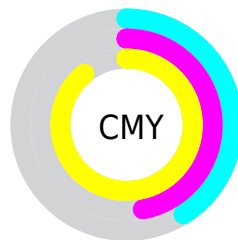
- Red (59%)
- Green (53%)
- Blue (11%)



- Red (18%)
- Yellow (59%)
- Blue (11%)



- Cyan (0%)
- Magenta (11%)
- Yellow (81%)
- Black (41%)



- Cyan (41%)
- Magenta (47%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96861D 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 96861D by changing the saturation by 10% instead.

 96861D

 96861D

FFFFFF

 7A6D00

 CFBB53

 5F5500


 EDD66D

 453E00

 FFF388

 2B2800

 FFFFA3

 111500

 FFFFBF

 000000

 FFFFDC

 FFFFF9

 96861D

 96861D

■ 96840E

■ 96882C

■ 968200

■ 968A3B

■ 968C4A

■ 968E59

■ 969068

■ 969277

■ 969486

■ 969695

■ 9698A4

Harmonies

Analogous

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



BD752D



96861D



659233

Triad

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



96861D



009BBB



C562AD

Complementary

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



96861D



1D2D96

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.



9375D2



96861D



0095DB

Square

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



96861D



009C8D



2988E3



DA597F

Rectangle

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



96861D



36974E



2988E3



B868BB

Sweetspot

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



96861D



C2BC93



961D2D



615D45



E0E0E0



616161

Same Dimension

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



96861D



C2A906



6A961D



4A4943



8A7700



0A0900

Inverse Universe

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



1D2D96



061FC2



491D96



43444A



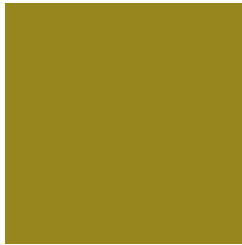
00128A



00010A

Previews

White Background



This preview shows how the Hex color 96861D looks on a white background.

Color Contrast Check

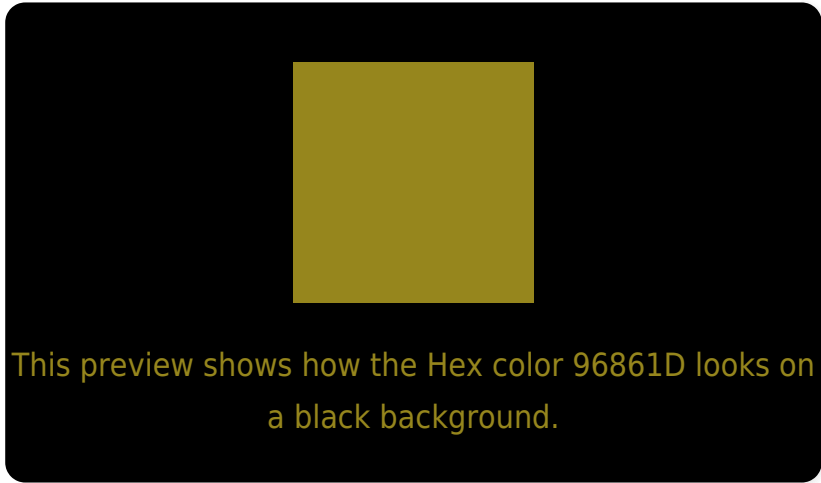
Large Text (above 18pt) WCAG AA ✓ Pass

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 96861D Background



This preview shows how black text looks on a background with the Hex color 96861D.



This preview shows how white text looks on a background with the Hex color 96861D.

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
96861D

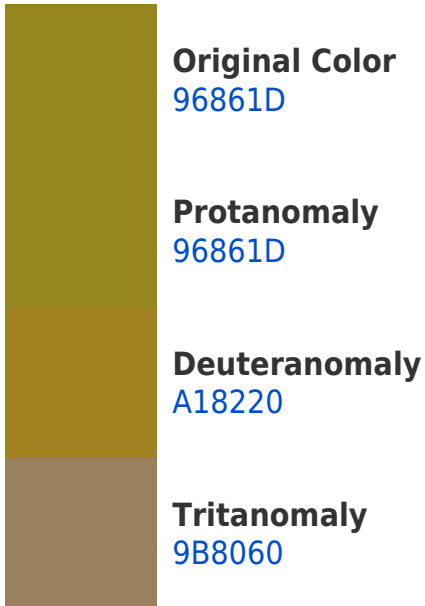
Protanopia
96861D

Deuteranopia
A87F21

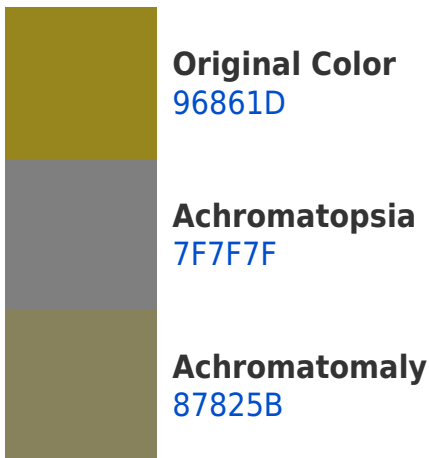


Tritanopia
9E7D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96861D 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 #96861D looks like.

```
.text, #text, p{  
    color:#96861D  
}
```

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 #96861D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96861D
}
```

Border

The CSS property to change the border of an element to Hex 96861D 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
#96861D }
```

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

```
.border{ border-color:#96861D }
```

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

Here you see how a box with a 4 pixel #96861D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96861D; -webkit-box-shadow:4px 4px  
4px 4px #96861D; box-shadow:4px 4px 4px  
4px #96861D }
```

Background

The CSS property to change the background color of an element to Hex 96861D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96861D }
```

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

```
.background{ background-color:#96861D }
```

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