

# Converting Colors

Hex(996E1C)

Have a look what the booklet for  
Hex(996E1C) contains.

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**Color**

**Hex(996E1C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	996E1C
RGB	153, 110, 28
RGB Percent	60%, 43%, 11%
CMY	0.4000, 0.5686, 0.8902
CMYK	0.00, 0.28, 0.82, 0.40
HSL	39°, 69%, 35%
HSV	39°, 82%, 60%
XYZ	18.9224, 18.0080, 3.5772
YIQ	113.5090, 51.9500, -16.3860

# Conversions

## Conversions Part 2

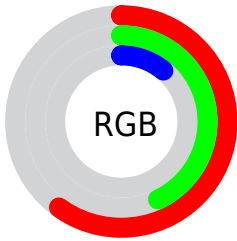
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 153, 28
Decimal	10055196
CIE Lab	49.51, 9.60, 48.89
CIE LCh	50, 49.820, 78.887
Yxy	18.0080, 0.4671, 0.4446
Android (android.graphics.Color)	4288245276 (0xFF996E1C)
YUV	113.5090, -42.1559, 34.6336
Hunter-Lab	42.4358, 5.3315, 24.7072

# Details

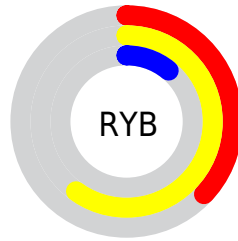
The Hex color **996E1C** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1C4799**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **D3A14F**, and **623F00** is the 20% darker color. If you saturate the color by 10%, you get **99690D**, and if you desaturate by 10%, it is **99732B**.

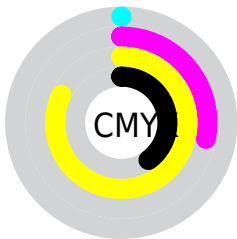
# Distribution



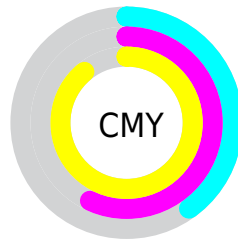
- Red (60%)
- Green (43%)
- Blue (11%)



- Red (37%)
- Yellow (60%)
- Blue (11%)



- Cyan (0%)
- Magenta (28%)
- Yellow (82%)
- Black (40%)



- Cyan (40%)
- Magenta (57%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 996E1C 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 996E1C by changing the saturation by 10% instead.



 996E1C

 996E1C

FFFFFF

 7D5600

 D3A14F

 623F00

 F1BC69

 462900

 FFD883

 2D1500

 FFF49E

 120000

 FFFFBA

 000000

 FFFFDD

 FFFFF3

 996E1C

 996E1C

■ 99690D

■ 99732B

■ 996400

■ 99793B

■ 997E4A

■ 998359

■ 998869

■ 998E78

■ 999387

■ 999896

■ 999DA6

# Harmonies

## Analogous

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



B65D37



996E1C



727C1D

# Triad

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



996E1C



008A90



995FAE

# Complementary

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



996E1C



1C4799

# 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.



5971C6



996E1C



0087B5

# Square

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



996E1C



008964



007FC9



BA5087

# Rectangle

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



996E1C



53822F



007FC9



8865B8



# Sweetspot

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



996E1C



C7B695



991C48



635946



E3E3E3



636363



# Same Dimension

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



996E1C



C78404



86991C



4D4A45



8C5C00



0D0800



# Inverse Universe

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



1C4799



0447C7



2F1C99



45474D



00308C

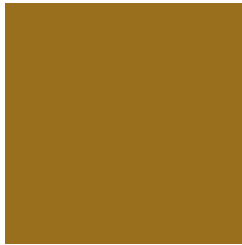


00040D



# Previews

## White Background



This preview shows how the Hex color 996E1C looks on a white background.

## Color Contrast Check

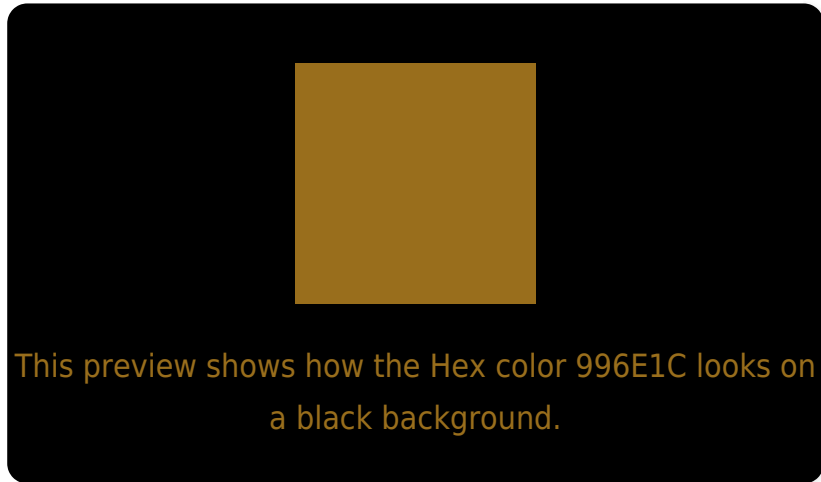
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 996E1C Background



This preview shows how black text looks on a background with the Hex color 996E1C.



This preview shows how white text looks on a background with the Hex color 996E1C.

# 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**  
996E1C

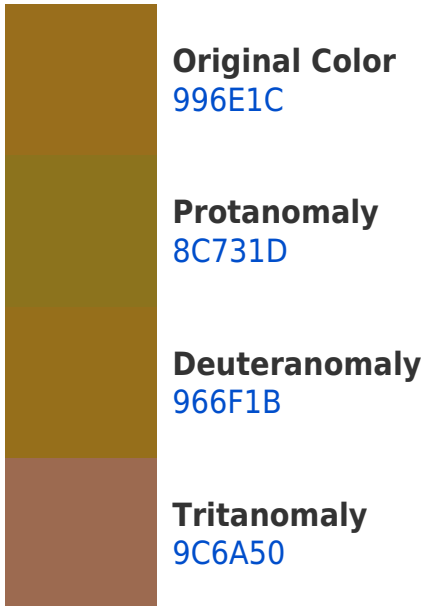
**Protanopia**  
85761E

**Deuteranopia**  
95701B

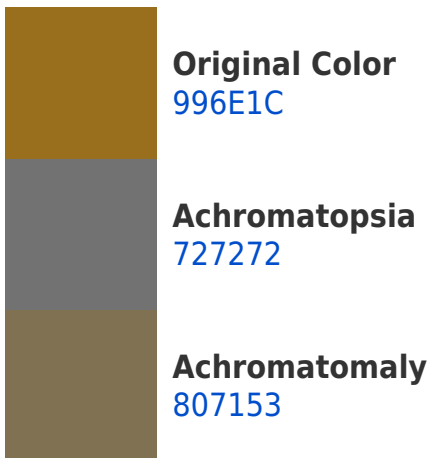


**Tritanopia**  
9E676E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 996E1C 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 #996E1C looks like.

```
.text, #text, p{  
    color:#996E1C  
}
```

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 #996E1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #996E1C
}
```

## Border

The CSS property to change the border of an element to Hex 996E1C is called "border". The border property can be set on classes, ids or directly on the HTML element.

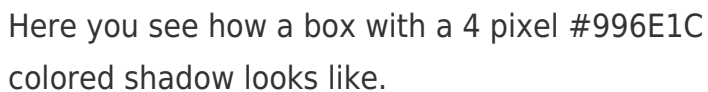
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#996E1C }
```

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

```
.border{ border-color:#996E1C }
```

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



Here you see how a box with a 4 pixel #996E1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #996E1C; -webkit-box-shadow:4px 4px  
4px 4px #996E1C; box-shadow:4px 4px 4px  
4px #996E1C }
```

# Background

The CSS property to change the background color of an element to Hex 996E1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#996E1C }
```

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

```
.background{ background-color:#996E1C }
```

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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