

# Converting Colors

Hex(96701F)

Have a look what the booklet for  
Hex(96701F) contains.

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**Color**

**Hex(96701F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	96701F
RGB	150, 112, 31
RGB Percent	59%, 44%, 12%
CMY	0.4118, 0.5608, 0.8784
CMYK	0.00, 0.25, 0.79, 0.41
HSL	41°, 66%, 35%
HSV	41°, 79%, 59%
XYZ	18.6192, 18.1713, 3.8224
YIQ	114.1280, 48.6490, -17.1350

# Conversions

## Conversions Part 2

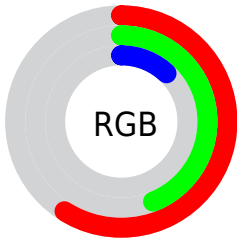
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 150, 31
Decimal	9859103
CIE <sub>Lab</sub>	49.70, 7.18, 47.79
CIE <sub>LCh</sub>	50, 48.331, 81.452
Yxy	18.1713, 0.4585, 0.4474
Android (android.graphics.Color)	4288049183 (0xFF96701F)
YUV	114.1280, -40.9821, 31.4597
Hunter-Lab	42.6278, 3.3674, 24.5230

# Details

The Hex color **96701F** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1F4596**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **D0A352**, and **5F4100** is the 20% darker color. If you saturate the color by 10%, you get **966B10**, and if you desaturate by 10%, it is **96752E**.

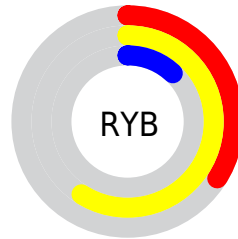
# Distribution



Red (59%)

Green (44%)

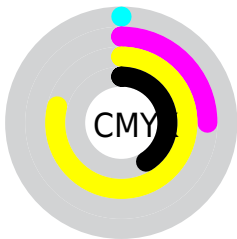
Blue (12%)



Red (34%)

Yellow (59%)

Blue (12%)

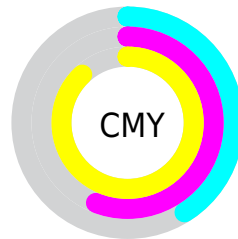


Cyan (0%)

Magenta (25%)

Yellow (79%)

Black (41%)



Cyan (41%)

Magenta (56%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96701F 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 96701F by changing the saturation by 10% instead.



 96701F

 96701F

FFFFFF

 7A5800

 D0A352

 5F4100

 EDBE6B

 442B00

 FFDA86

 2B1700

 FFF7A1

 0F0000

 FFFFBC

 000000

 FFFFD8

 FFFFF5

 96701F

 96701F

■ 966B10

■ 96752E

■ 966601

■ 967A3D

■ 966600

■ 967E4C

■ 96835B

■ 96886A

■ 968D79

■ 969288

■ 969697

■ 969BA6

# Harmonies

## Analogous

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



B36037



96701F



6F7D23

# Triad

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



96701F



008A93



9D5FAA

# Complementary

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



96701F



1F4596

# 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.



6270C3



96701F



0087B6

# Square

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



96701F



008969



007EC7



BB5284

# Rectangle

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



96701F



508335



007EC7



8D65B4



# Sweetspot

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



96701F



C2B393



961F47



615845



E0E0E0



616161



# Same Dimension

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



96701F



C2870A



82961F



4A4843



8A5E00



0A0700



# Inverse Universe

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



1F4596



0A44C2



331F96



43454A



002C8A

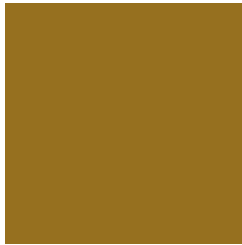


00030A



# Previews

## White Background



This preview shows how the Hex color 96701F 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 96701F Background



This preview shows how black text looks on a background with the Hex color 96701F.



This preview shows how white text looks on a background with the Hex color 96701F.

# 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**  
96701F

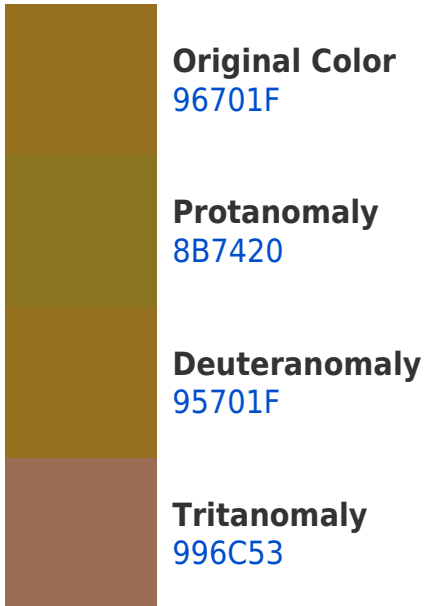
**Protanopia**  
857721

**Deuteranopia**  
95701F

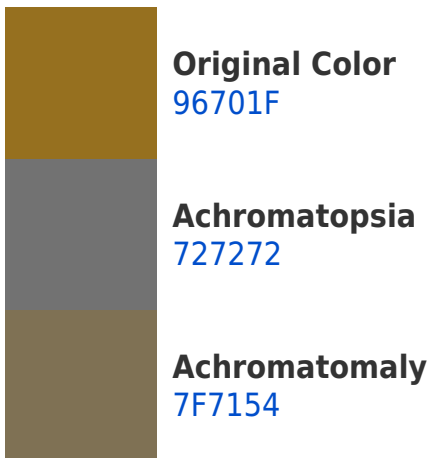


**Tritanopia**  
9B6970

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96701F 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 #96701F looks like.

```
.text, #text, p{  
    color:#96701F  
}
```

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 #96701F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96701F
}
```

## Border

The CSS property to change the border of an element to Hex 96701F 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
#96701F }
```

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

```
.border{ border-color:#96701F }
```

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

Here you see how a box with a 4 pixel #96701F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96701F; -webkit-box-shadow:4px 4px  
4px 4px #96701F; box-shadow:4px 4px 4px  
4px #96701F }
```

# Background

The CSS property to change the background color of an element to Hex 96701F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96701F }
```

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

```
.background{ background-color:#96701F }
```

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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