

# Converting Colors

Hex(96722F)

Have a look what the booklet for  
Hex(96722F) contains.

|  |    |
|--|----|
| <b>Hex(96722F)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

**Color**

**Hex(96722F)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 96722F                      |
| RGB         | 150, 114, 47                |
| RGB Percent | 59%, 45%, 18%               |
| CMY         | 0.4118, 0.5529, 0.8157      |
| CMYK        | 0.00, 0.24, 0.69, 0.41      |
| HSL         | 39°, 52%, 39%               |
| HSV         | 39°, 69%, 59%               |
| XYZ         | 19.1081, 18.7239, 5.2963    |
| YIQ         | 117.1260, 42.9630, -13.2050 |

# Conversions

## Conversions Part 2

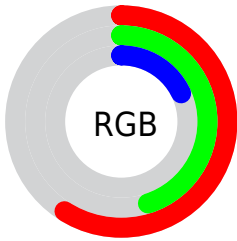
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 102, 150, 47                   |
| Decimal                             | 9859631                        |
| CIE Lab                             | 50.36, 6.86, 41.41             |
| CIE LCh                             | 50, 41.975, 80.592             |
| Yxy                                 | 18.7239, 0.4431,<br>0.4341     |
| Android<br>(android.graphics.Color) | 4288049711<br>(0xFF96722F)     |
| YUV                                 | 117.1260, -34.5721,<br>28.8305 |
| Hunter-Lab                          | 43.2711, 3.0993,<br>23.0328    |

# Details

The Hex color **96722F** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2F5396**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **CFA660**, and **5F4200** is the 20% darker color. If you saturate the color by 10%, you get **966D20**, and if you desaturate by 10%, it is **96773E**.

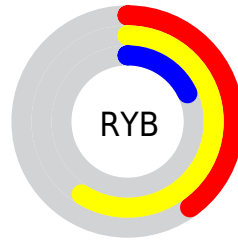
# Distribution



Red (59%)

Green (45%)

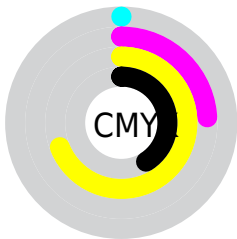
Blue (18%)



Red (40%)

Yellow (59%)

Blue (18%)

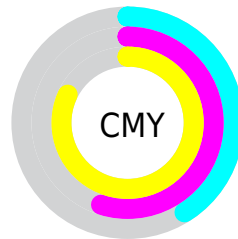


Cyan (0%)

Magenta (24%)

Yellow (69%)

Black (41%)



Cyan (41%)

Magenta (55%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96722F 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 96722F by changing the saturation by 10% instead.



 96722F

 96722F

FFFFFF

 7A5A16

 CFA660

 5F4200

 ECC17A

 462C00

 FFDD94

 2C1800

 FFF9AF

 120000

 FFFFCB

 000000

 FFFFEE

 96722F

 96722F

 966D20

 96773E

■ 966811

■ 967C4D

■ 966202

■ 96825C

■ 966200

■ 96876B

■ 968C7A

■ 969189

■ 969798

■ 969CA7

■ 96A1B6

# Harmonies

## Analogous

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



AF6542



96722F



747D31

# Triad

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



96722F



008A90



9965A6

# Complementary

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



96722F



2F5396

# 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.



6773BB



96722F



0087AE

# Square

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



96722F



00896B



007FBE



B45A85

# Rectangle

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



96722F



59833F



007FBE



8B69AE



# Sweetspot

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



96722F



C2B499



962F53



615849



E0E0E0



616161



# Same Dimension

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



96722F



C28A23



87962F



4A4743



8A5A00



0A0700



# Inverse Universe

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



2F5396



235AC2



3E2F96



43454A



00308A



00040A



# Previews

## White Background



This preview shows how the Hex color 96722F looks on a white background.

## Color Contrast Check

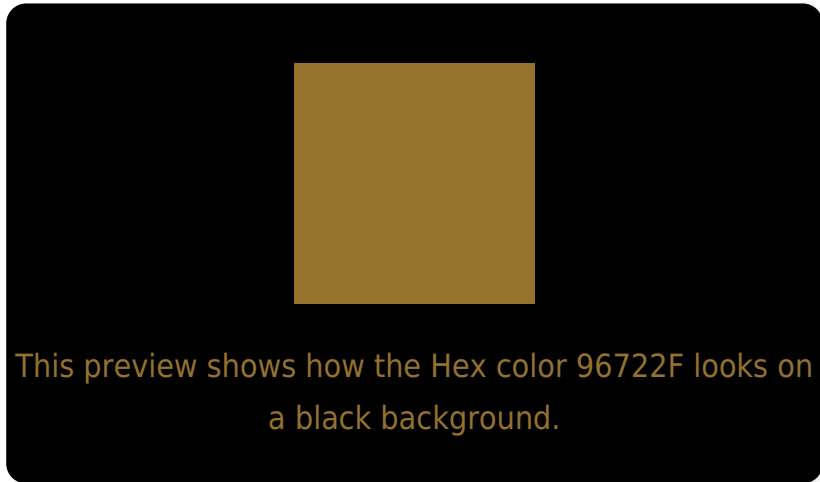
Large Text (above 18pt) WCAG AA ✓ Pass

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 96722F Background



This preview shows how black text looks on a background with the Hex color 96722F.



This preview shows how white text looks on a background with the Hex color 96722F.

# 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**  
96722F

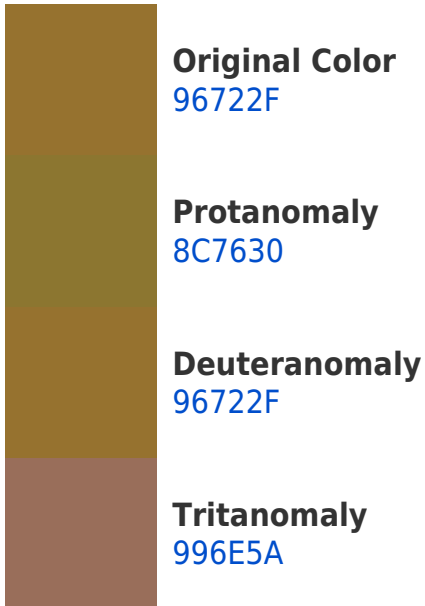
**Protanopia**  
867831

**Deuteranopia**  
96722F

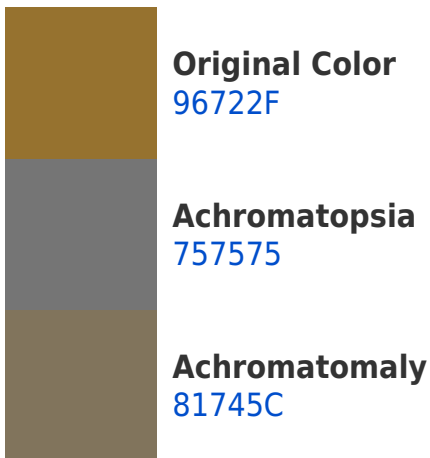


**Tritanopia**  
9B6B73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96722F 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 #96722F looks like.

```
.text, #text, p{  
    color:#96722F  
}
```

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 #96722F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96722F
}
```

## Border

The CSS property to change the border of an element to Hex 96722F 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
#96722F }
```

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

```
.border{ border-color:#96722F }
```

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

Here you see how a box with a 4 pixel #96722F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96722F; -webkit-box-shadow:4px 4px  
4px 4px #96722F; box-shadow:4px 4px 4px  
4px #96722F }
```

# Background

The CSS property to change the background color of an element to Hex 96722F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96722F }
```

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

```
.background{ background-color:#96722F }
```

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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