

# Converting Colors

Hex(927C46)

Have a look what the booklet for  
Hex(927C46) contains.

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**Color**

**Hex(927C46)**

# Conversions

## Conversions Part 1

Format	Color
Hex	927C46
RGB	146, 124, 70
RGB Percent	57%, 49%, 27%
CMY	0.4275, 0.5137, 0.7255
CMYK	0.00, 0.15, 0.52, 0.43
HSL	43°, 35%, 42%
HSV	43°, 52%, 57%
XYZ	20.1672, 20.9685, 8.7787
YIQ	124.4220, 30.4460, -12.1300

# Conversions

## Conversions Part 2

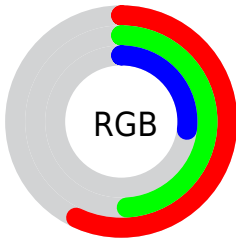
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 146, 70
Decimal	9600070
CIELab	52.91, 1.17, 32.42
CIELCh	53, 32.439, 87.926
Yxy	20.9685, 0.4040, 0.4201
Android (android.graphics.Color)	4287790150 (0xFF927C46)
YUV	124.4220, -26.8300, 18.9239
Hunter-Lab	45.7914, -1.5208, 20.6874

# Details

The Hex color **927C46** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **465C92**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **CAB078**, and **5D4B18** is the 20% darker color. If you saturate the color by 10%, you get **927837**, and if you desaturate by 10%, it is **928055**.

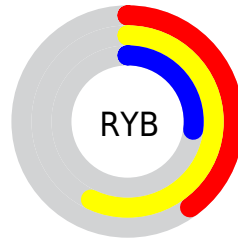
# Distribution



Red (57%)

Green (49%)

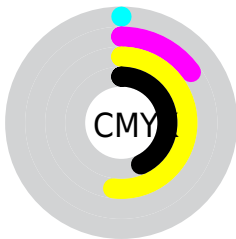
Blue (27%)



Red (40%)

Yellow (57%)

Blue (27%)

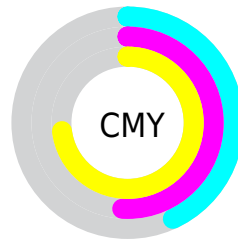


Cyan (0%)

Magenta (15%)

Yellow (52%)

Black (43%)



Cyan (43%)

Magenta (51%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 927C46 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 927C46 by changing the saturation by 10% instead.



 927C46

 927C46

FFFFFF

 77632F

 CAB078

 5D4B18

 E6CC92

 443500

 FFE8AC

 2C2000

 FFFFC8

 120900

 FFFFE4

 000000

 927C46

 927C46

 927837

 928055

 927429

 928463

■ 926F1A

■ 928972

■ 926B0C

■ 928D80

■ 926800

■ 92918F

■ 92959E

■ 929AAC

■ 929EBB

■ 92A2C9

# Harmonies

## Analogous

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



A87250



927C46



76844C

# Triad

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



927C46



008D97



9F6E9C

# Complementary

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



927C46



465C92

# 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.



7E78B0



927C46



1089AD

# Square

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



927C46



2B8D7B



5082B6



B16881

# Rectangle

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



927C46



608958



5082B6



9671A4



# Sweetspot

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



927C46



BDB49F



92465D



5E594C



DEDEDE



5E5E5E



# Same Dimension

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



927C46



BD9B48



839246



4A4843



8A6200



0A0700



# Inverse Universe

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



465C92



486ABD



554692



43454A



00288A



00030A



# Previews

## White Background



This preview shows how the Hex color 927C46 looks on a white background.

## Color Contrast Check

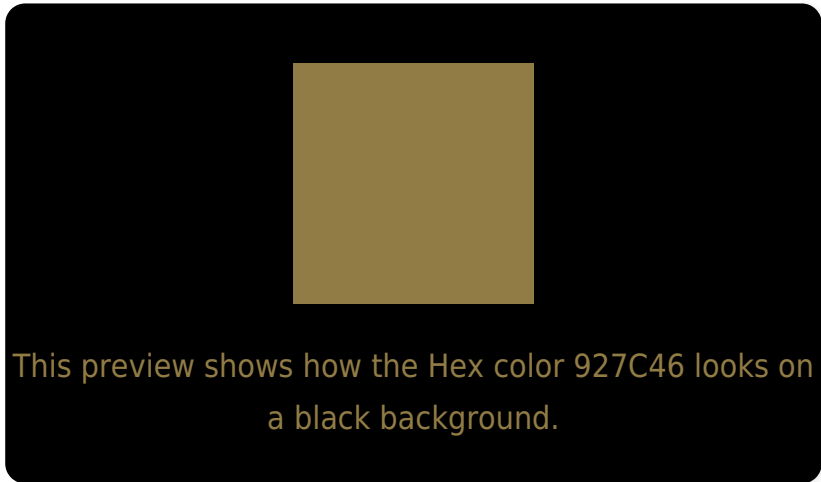
Large Text (above 18pt) WCAG AA ✓ Pass

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 927C46 Background



This preview shows how black text looks on a background with the Hex color 927C46.



This preview shows how white text looks on a background with the Hex color 927C46.

# 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**  
927C46

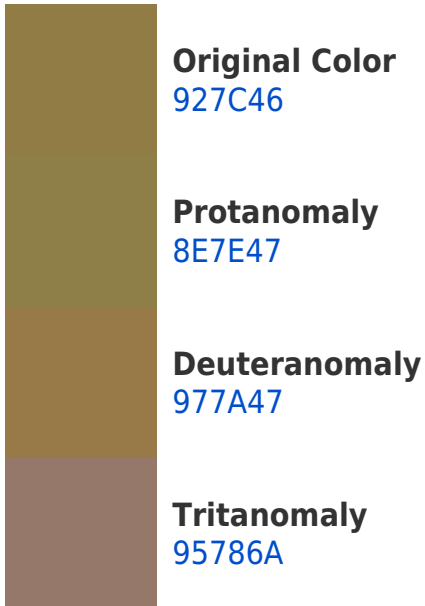
**Protanopia**  
8B7F47

**Deuteranopia**  
9A7947

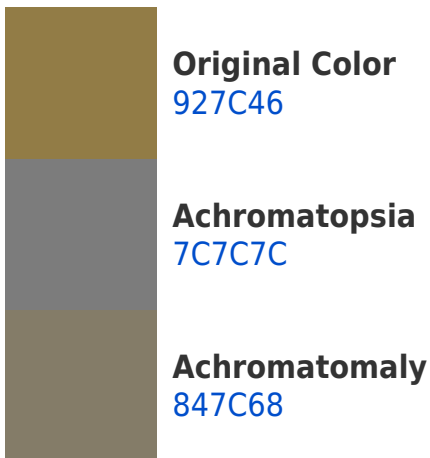


**Tritanopia**  
97757F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 927C46 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 #927C46 looks like.

```
.text, #text, p{  
    color:#927C46  
}
```

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 #927C46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #927C46
}
```

## Border

The CSS property to change the border of an element to Hex 927C46 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
#927C46 }
```

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

```
.border{ border-color:#927C46 }
```

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

Here you see how a box with a 4 pixel #927C46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #927C46; -webkit-box-shadow:4px 4px  
4px 4px #927C46; box-shadow:4px 4px 4px  
4px #927C46 }
```

# Background

The CSS property to change the background color of an element to Hex 927C46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#927C46 }
```

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

```
.background{ background-color:#927C46 }
```

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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