

Converting Colors

Hex(926C38)

Have a look what the booklet for
Hex(926C38) contains.

Hex(926C38)	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(926C38)

Conversions

Conversions Part 1

Format	Color
Hex	926C38
RGB	146, 108, 56
RGB Percent	57%, 42%, 22%
CMY	0.4275, 0.5765, 0.7804
CMYK	0.00, 0.26, 0.62, 0.43
HSL	35°, 45%, 40%
HSV	35°, 62%, 57%
XYZ	17.9304, 17.1216, 6.1012
YIQ	113.4340, 39.3400, -8.1160

Conversions

Conversions Part 2

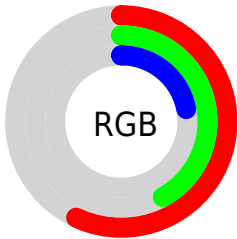
Format	Color
R_{YB}	122, 146, 56
Decimal	9595960
CIE Lab	48.41, 9.12, 34.52
CIE LCh	48, 35.708, 75.203
Yxy	17.1216, 0.4357, 0.4160
Android (android.graphics.Color)	4287786040 (0xFF926C38)
YUV	113.4340, -28.3150, 28.5604
Hunter-Lab	41.3783, 4.9373, 20.2226

Details

The Hex color **926C38** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **385E92**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **CA9F69**, and **5C3D09** is the 20% darker color. If you saturate the color by 10%, you get **926629**, and if you desaturate by 10%, it is **927247**.

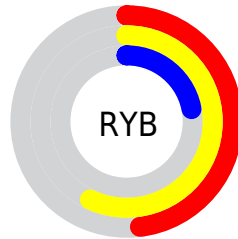
Distribution



Red (57%)

Green (42%)

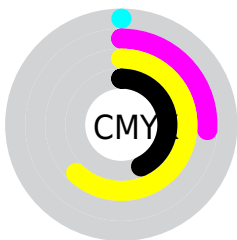
Blue (22%)



Red (48%)

Yellow (57%)

Blue (22%)

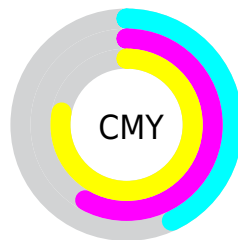


Cyan (0%)

Magenta (26%)

Yellow (62%)

Black (43%)



Cyan (43%)

Magenta (58%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 926C38 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 926C38 by changing the saturation by 10% instead.

 926C38

 926C38

FFFFFF

 775421

 CA9F69

 5C3D09

 E7BA82

 432700

 FFD69D

 291300

 FFF2B8

 060000

 FFFFD4

 000000

 FFFFF0

 926C38

 926C38

 926629

 927247

■ 92601B

■ 927855

■ 925A0C

■ 927E64

■ 925400

■ 928572

■ 928B81

■ 929190

■ 92979E

■ 929DAD

■ 92A3BB

Harmonies

Analogous

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



A56149



926C38



767637

Triad

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



926C38



008282



89659E

Complementary

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



926C38



385E92

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.



5D71AD



926C38



00809D

Square

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



926C38



268163



0E7AAD



A35C83

Rectangle

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



926C38



607B40



0E7AAD



7C69A4

Sweetspot

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



926C38



BDAE9B



92385F



5E564A



DEDEDE



5E5E5E

Same Dimension

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



926C38



BD8231



8C9238



4A4743



8A5000



0A0600

Inverse Universe

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



385E92



316CBD



3E3892



43464A



003A8A



00040A

Previews

White Background



This preview shows how the Hex color 926C38 looks on a white background.

Color Contrast Check

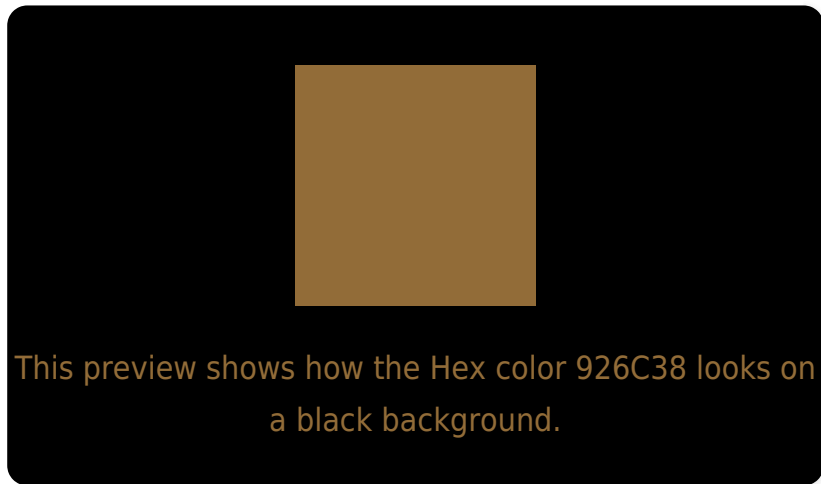
Large Text (above 18pt) WCAG AA ✓ Pass

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

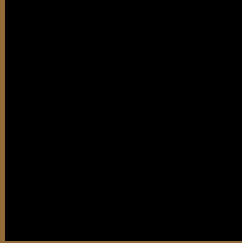
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 926C38 Background



This preview shows how black text looks on a background with the Hex color 926C38.



This preview shows how white text looks on a background with the Hex color 926C38.

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
926C38

Protanopia
7F733A

Deuteranopia
8E6E38



Tritanopia
96666E

Trichromacy



Original Color
926C38

Protanomaly
867039

Deuteranomaly
8F6D38

Tritanomaly
95685A

Monochromacy



Original Color
926C38

Achromatopsia
717171

Achromatomaly
7D6F5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 926C38 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 #926C38 looks like.

```
.text, #text, p{  
    color:#926C38  
}
```

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 #926C38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #926C38
}
```

Border

The CSS property to change the border of an element to Hex 926C38 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
#926C38 }
```

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

```
.border{ border-color:#926C38 }
```

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

Here you see how a box with a 4 pixel #926C38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #926C38; -webkit-box-shadow:4px 4px  
4px 4px #926C38; box-shadow:4px 4px 4px  
4px #926C38 }
```

Background

The CSS property to change the background color of an element to Hex 926C38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#926C38 }
```

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

```
.background{ background-color:#926C38 }
```

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