

Converting Colors

Hex(946B30)

Have a look what the booklet for
Hex(946B30) contains.

Hex(946B30)	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(946B30)

Conversions

Conversions Part 1

Format	Color
Hex	946B30
RGB	148, 107, 48
RGB Percent	58%, 42%, 19%
CMY	0.4196, 0.5804, 0.8118
CMYK	0.00, 0.28, 0.68, 0.42
HSL	35°, 51%, 38%
HSV	35°, 68%, 58%
XYZ	18.0039, 17.0247, 5.1335
YIQ	112.5330, 43.3750, -9.6570

Conversions

Conversions Part 2

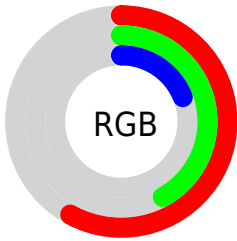
Format	Color
R_{YB}	117, 148, 48
Decimal	9726768
CIE Lab	48.29, 10.04, 38.60
CIE LCh	48, 39.879, 75.424
Yxy	17.0247, 0.4483, 0.4239
Android (android.graphics.Color)	4287916848 (0xFF946B30)
YUV	112.5330, -31.8148, 31.1046
Hunter-Lab	41.2610, 5.6805, 21.5061

Details

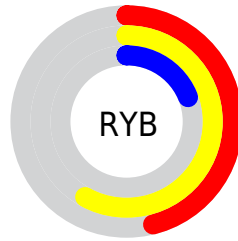
The Hex color **946B30** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **305994**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **CD9E61**, and **5E3C00** is the 20% darker color. If you saturate the color by 10%, you get **946521**, and if you desaturate by 10%, it is **94713F**.

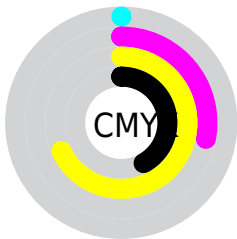
Distribution



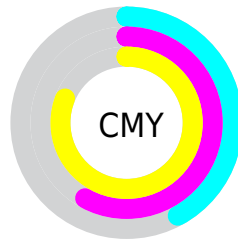
- Red (58%)
- Green (42%)
- Blue (19%)



- Red (46%)
- Yellow (58%)
- Blue (19%)



- Cyan (0%)
- Magenta (28%)
- Yellow (68%)
- Black (42%)



- Cyan (42%)
- Magenta (58%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 946B30 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 946B30 by changing the saturation by 10% instead.

 946B30

 946B30

FFFFFF

 785318

 CD9E61

 5E3C00

 EAB97A

 442600

 FFD594

 2A1200

 FFF1AF

 070000

 FFFFCB

 000000

 FFFF E8

 946B30

 946B30

 946521

 94713F

■ 945F12

■ 94774E

■ 945904

■ 947D5C

■ 945700

■ 94836B

■ 94897A

■ 948F89

■ 949598

■ 949CA6

■ 94A2B5

Harmonies

Analogous

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



AA5F44



946B30



75762F

Triad

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



946B30



008483



8B63A2

Complementary

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



946B30



305994

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.



5970B4



946B30



0081A2

Square

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



946B30



0A8361



007BB3



A85885

Rectangle

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



946B30



5D7C39



007BB3



7D67AA

Sweetspot

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



946B30



BFB099



94305A



61574A



E0E0E0



616161

Same Dimension

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



946B30



BF8024



8C9430



4A4743



8A5100



0A0600

Inverse Universe

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



305994



2464BF



383094



43464A



00388A



00040A

Previews

White Background



This preview shows how the Hex color 946B30 looks on a white background.

Color Contrast Check

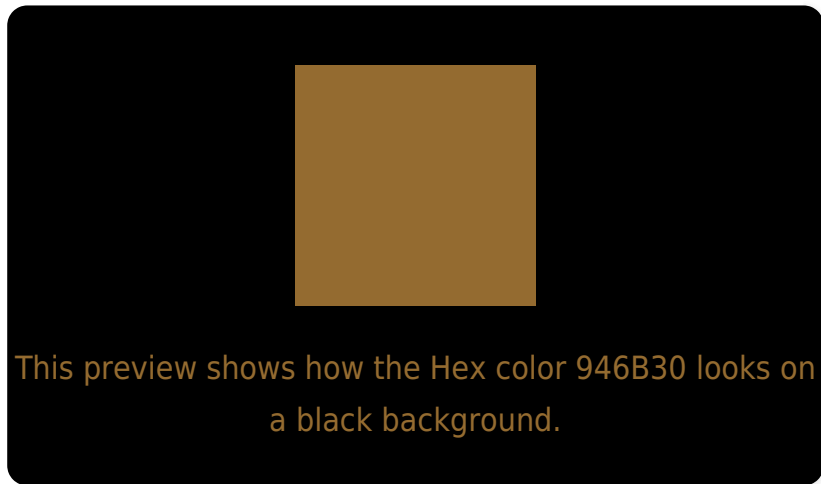
Large Text (above 18pt) WCAG AA ✓ Pass

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

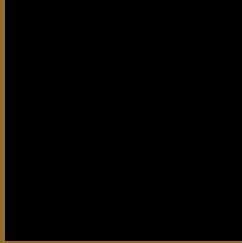
Any Text WCAG AA × Fail

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 946B30 Background



This preview shows how black text looks on a background with the Hex color 946B30.



This preview shows how white text looks on a background with the Hex color 946B30.

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
946B30

Protanopia
807332

Deuteranopia
8F6D2F



Tritanopia
98656C

Trichromacy



Original Color
946B30

Protanomaly
877031

Deuteranomaly
916C2F

Tritanomaly
976756

Monochromacy



Original Color
946B30

Achromatopsia
717171

Achromatomaly
7E6F59

CSS Examples

Text

The CSS property to change the color of the text to Hex 946B30 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 #946B30 looks like.

```
.text, #text, p{  
    color:#946B30  
}
```

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 #946B30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #946B30
}
```

Border

The CSS property to change the border of an element to Hex 946B30 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
#946B30 }
```

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

```
.border{ border-color:#946B30 }
```

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

Here you see how a box with a 4 pixel #946B30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #946B30; -webkit-box-shadow:4px 4px  
4px 4px #946B30; box-shadow:4px 4px 4px  
4px #946B30 }
```

Background

The CSS property to change the background color of an element to Hex 946B30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#946B30 }
```

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

```
.background{ background-color:#946B30 }
```

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