

# Converting Colors

Hex(966B4A)

Have a look what the booklet for  
Hex(966B4A) contains.

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**Color**

**Hex(966B4A)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 966B4A                     |
| RGB           | 150, 107, 74               |
| RGB Percent   | 59%, 42%, 29%              |
| CMY           | 0.4118, 0.5804, 0.7098     |
| CMYK          | 0.00, 0.29, 0.51, 0.41     |
| HSL           | 26°, 34%, 44%              |
| HSV           | 26°, 51%, 59%              |
| XYZ           | 19.0714, 17.4938, 8.8500   |
| YIQ           | 116.0950, 36.2210, -1.1470 |

# Conversions

## Conversions Part 2

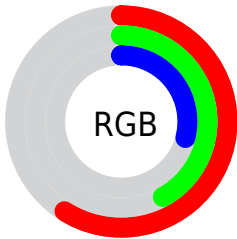
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 150, 132, 74                   |
| Decimal                             | 9857866                        |
| CIE <sub>Lab</sub>                  | 48.88, 13.08, 25.22            |
| CIE <sub>LCh</sub>                  | 49, 28.411, 62.588             |
| Yxy                                 | 17.4938, 0.4199,<br>0.3852     |
| Android<br>(android.graphics.Color) | 4288047946<br>(0xFF966B4A)     |
| YUV                                 | 116.0950, -20.7528,<br>29.7347 |
| Hunter-Lab                          | 41.8256, 8.1965,<br>16.7325    |

# Details

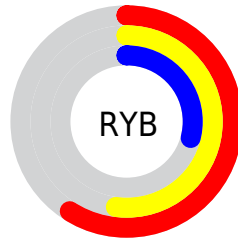
The Hex color **966B4A** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4A7596**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **CE9E7B**, and **613C1D** is the 20% darker color. If you saturate the color by 10%, you get **96633B**, and if you desaturate by 10%, it is **967359**.

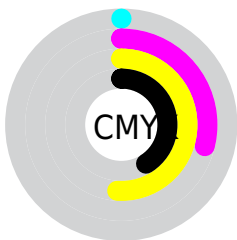
# Distribution



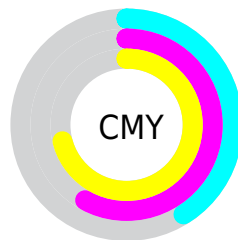
- Red (59%)
- Green (42%)
- Blue (29%)



- Red (59%)
- Yellow (52%)
- Blue (29%)



- Cyan (0%)
- Magenta (29%)
- Yellow (51%)
- Black (41%)



- Cyan (41%)
- Magenta (58%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 966B4A 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 966B4A by changing the saturation by 10% instead.





966B4A



966B4A

FFFFFF



7B5333



CE9E7B



613C1D



EBB995



472606



FFD5B0



2E1100



FFF2CB



130000



FFFFE8



000000



966B4A



966B4A



96633B



967359



965A2C



967C68

■ 96521D

■ 968477

■ 96490E

■ 968D86

■ 964100

■ 969595

■ 969EA4

■ 96A6B3

■ 96AFC2

■ 96B7D1

# Harmonies

## Analogous

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



A2645B



966B4A



827344

# Triad

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



966B4A



2B8175



7A6D9D

# Complementary

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



966B4A



4A7596

# 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.



5576A4



966B4A



0C808D

# Square

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



966B4A



4C7F5D



2A7C9E



94658B

# Rectangle

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



966B4A



717847



2A7C9E



6E70A0



# Sweetspot

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



966B4A



C2B1A5



964A75



61574F



E0E0E0



616161



# Same Dimension

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



966B4A



C27F4C



96914A



4A4643



8A3C00



0A0400



# Inverse Universe

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



4A7596



4C8EC2



4A4F96



43474A



004E8A

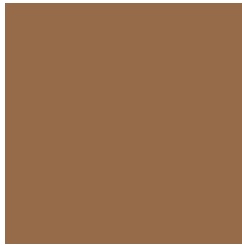


00060A



# Previews

## White Background



This preview shows how the Hex color 966B4A looks on a white background.

## Color Contrast Check

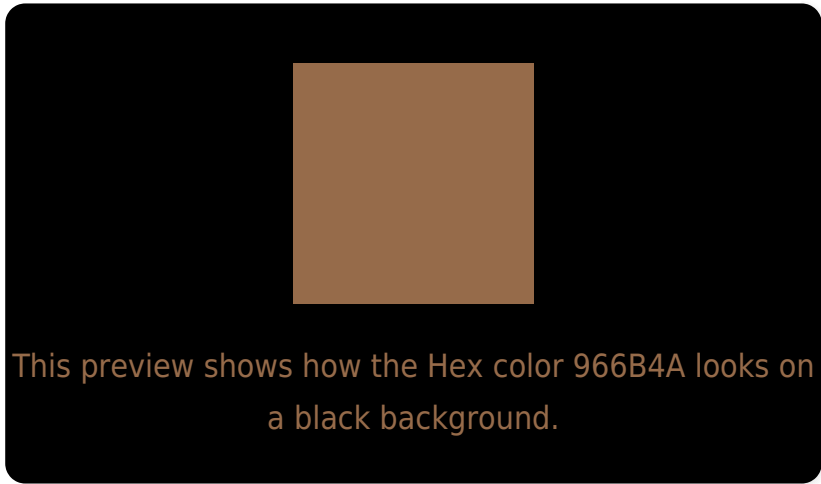
Large Text (above 18pt) WCAG AA ✓ Pass

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 966B4A Background



This preview shows how black text looks on a background with the Hex color 966B4A.



This preview shows how white text looks on a background with the Hex color 966B4A.

# 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**  
966B4A

**Protanopia**  
7E744E

**Deuteranopia**  
8D6F49



**Tritanopia**  
99666E

# Trichromacy



**Original Color**  
966B4A

**Protanomaly**  
87714D

**Deuteranomaly**  
906E49

**Tritanomaly**  
986861

# Monochromacy



**Original Color**  
966B4A

**Achromatopsia**  
747474

**Achromatomaly**  
807165

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 966B4A 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 #966B4A looks like.

```
.text, #text, p{  
    color:#966B4A  
}
```

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 #966B4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #966B4A
}
```

## Border

The CSS property to change the border of an element to Hex 966B4A 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
#966B4A }
```

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

```
.border{ border-color:#966B4A }
```

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

Here you see how a box with a 4 pixel #966B4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #966B4A; -webkit-box-shadow:4px 4px  
4px 4px #966B4A; box-shadow:4px 4px 4px  
4px #966B4A }
```

# Background

The CSS property to change the background color of an element to Hex 966B4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#966B4A }
```

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

```
.background{ background-color:#966B4A }
```

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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