

# Converting Colors

Hex(968727)

Have a look what the booklet for  
Hex(968727) contains.

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**Color**

**Hex(968727)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	968727
RGB	150, 135, 39
RGB Percent	59%, 53%, 15%
CMY	0.4118, 0.4706, 0.8471
CMYK	0.00, 0.10, 0.74, 0.41
HSL	52°, 59%, 37%
HSV	52°, 74%, 59%
XYZ	21.6079, 23.9585, 5.4050
YIQ	128.5410, 39.7560, -26.6760

# Conversions

## Conversions Part 2

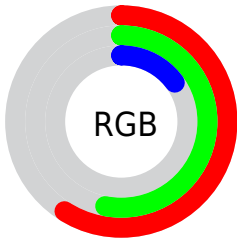
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 150, 39
Decimal	9864999
CIELab	56.05, -5.38, 50.71
CIElCh	56, 50.999, 96.060
Yxy	23.9585, 0.4239, 0.4700
Android (android.graphics.Color)	4288055079 (0xFF968727)
YUV	128.5410, -44.1437, 18.8195
Hunter-Lab	48.9474, -6.8590, 27.7160

# Details

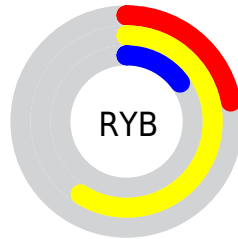
The Hex color **968727** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **273696**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **CFBC5B**, and **605600** is the 20% darker color. If you saturate the color by 10%, you get **968518**, and if you desaturate by 10%, it is **968936**.

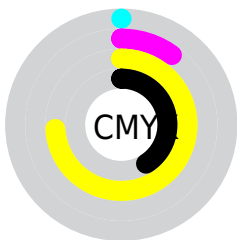
# Distribution



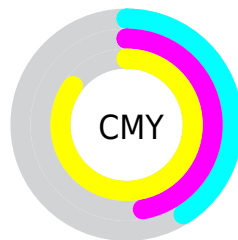
- Red (59%)
- Green (53%)
- Blue (15%)



- Red (22%)
- Yellow (59%)
- Blue (15%)



- Cyan (0%)
- Magenta (10%)
- Yellow (74%)
- Black (41%)



- Cyan (41%)
- Magenta (47%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 968727 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 968727 by changing the saturation by 10% instead.



 968727

 968727

FFFFFF

 7A6E07

 CFBC5B

 605600

 ECD875

 463F00

 FFF490

 2C2900

 FFFFAB

 121500

 FFFFC7

 000000

 FFFFE4

 968727

 968727

 968518

 968936

■ 968309

■ 968B45

■ 968200

■ 968D54

■ 968F63

■ 969172

■ 969381

■ 969590

■ 96979F

■ 9699AE

# Harmonies

## Analogous

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



BB7734



968727



67933A

# Triad

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



968727



009BB9



C365AB

# Complementary

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



968727



273696

# 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.



9477CE



968727



0094D7

# Square

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



968727



009C8E



3C88DF



D75E7F

# Rectangle

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



968727



3E9853



3C88DF



B76BB8



# Sweetspot

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



968727



C2BC97



962738



615D48



E0E0E0



616161



# Same Dimension

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



968727



C2AA15



6F9627



4A4943



8A7700



0A0900



# Inverse Universe

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



273696



152DC2



4E2796



43444A



00138A



00010A



# Previews

## White Background



This preview shows how the Hex color 968727 looks on a white background.

## Color Contrast Check

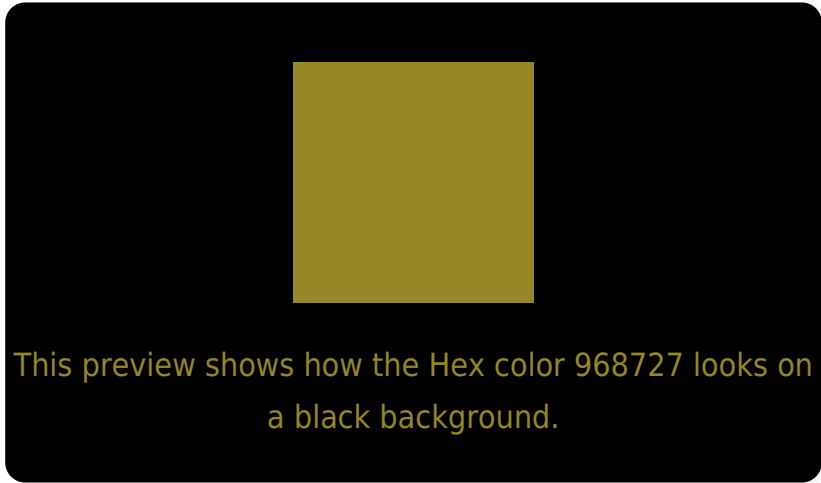
Large Text (above 18pt) WCAG AA ✓ Pass

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

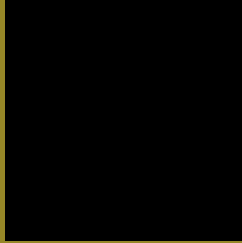
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 968727 Background



This preview shows how black text looks on a background with the Hex color 968727.



This preview shows how white text looks on a background with the Hex color 968727.

# 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**  
968727

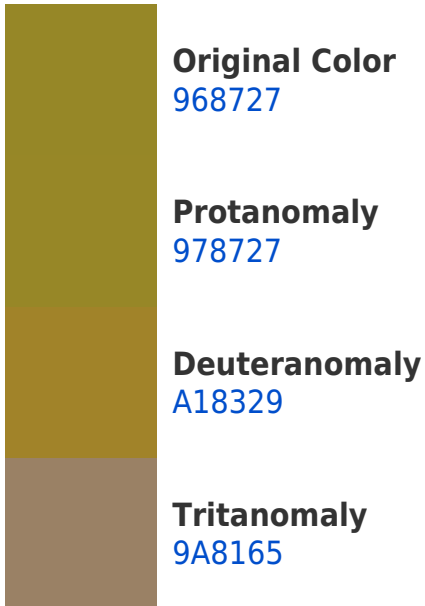
**Protanopia**  
978727

**Deuteranopia**  
A8802A

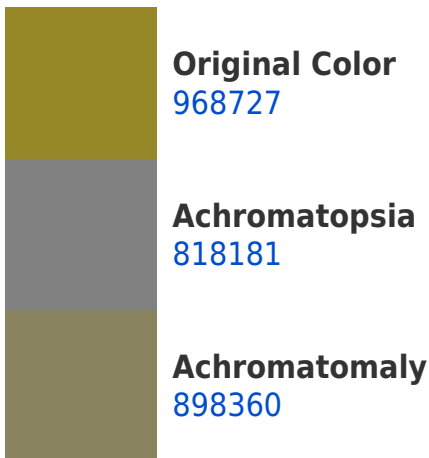


**Tritanopia**  
9D7E88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 968727 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 #968727 looks like.

```
.text, #text, p{  
    color:#968727  
}
```

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 #968727 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #968727
}
```

## Border

The CSS property to change the border of an element to Hex 968727 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
#968727 }
```

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

```
.border{ border-color:#968727 }
```

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

Here you see how a box with a 4 pixel #968727 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #968727; -webkit-box-shadow:4px 4px  
4px 4px #968727; box-shadow:4px 4px 4px  
4px #968727 }
```

# Background

The CSS property to change the background color of an element to Hex 968727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#968727 }
```

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

```
.background{ background-color:#968727 }
```

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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