

Converting Colors

Hex(968631)

Have a look what the booklet for
Hex(968631) contains.

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Color

Hex(968631)

Conversions

Conversions Part 1

Format	Color
Hex	968631
RGB	150, 134, 49
RGB Percent	59%, 53%, 19%
CMY	0.4118, 0.4745, 0.8078
CMYK	0.00, 0.11, 0.67, 0.41
HSL	50°, 51%, 39%
HSV	50°, 67%, 59%
XYZ	21.6572, 23.7560, 6.3496
YIQ	129.0940, 36.8210, -23.0430

Conversions

Conversions Part 2

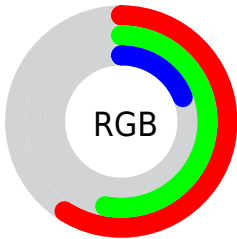
Format	Color
RYB	68, 150, 49
Decimal	9864753
CIELab	55.84, -4.27, 46.31
CIELCh	56, 46.506, 95.274
Yxy	23.7560, 0.4184, 0.4589
Android (android.graphics.Color)	4288054833 (0xFF968631)
YUV	129.0940, -39.4863, 18.3346
Hunter-Lab	48.7401, -5.9806, 26.3940

Details

The Hex color **968631** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **314196**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **CFBB64**, and **605500** is the 20% darker color. If you saturate the color by 10%, you get **968422**, and if you desaturate by 10%, it is **968840**.

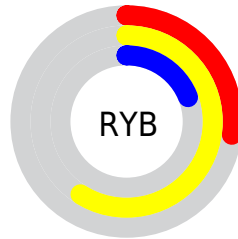
Distribution



Red (59%)

Green (53%)

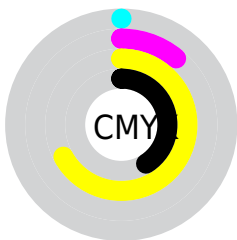
Blue (19%)



Red (27%)

Yellow (59%)

Blue (19%)

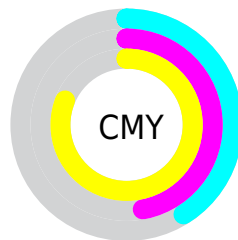


Cyan (0%)

Magenta (11%)

Yellow (67%)

Black (41%)



Cyan (41%)

Magenta (47%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 968631 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 968631 by changing the saturation by 10% instead.



968631



968631

FFFFFF



7B6D17



CFBB64



605500



ECD77E



473E00



FFF398



2D2800



FFFFB4



131400



FFFFD0



000000



FFF FEC



968631



968631



968422



968840

■ 968113

■ 968B4F

■ 967F04

■ 968D5E

■ 967E00

■ 96906D

■ 96927C

■ 96948B

■ 96979A

■ 9699A9

■ 969BB8

Harmonies

Analogous

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



B7773C



968631



6C9141

Triad

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



968631



0099B3



BD69A8

Complementary

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



968631



314196

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.



9278C8



968631



0093CF

Square

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



968631



009A8C



4788D6



D06280

Rectangle

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



968631



489656



4788D6



B16EB4

Sweetspot

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



968631



C2BC9B



963142



615D4A



E0E0E0



616161

Same Dimension

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



968631



C2A925



749631



4A4943



8A7400



0A0900

Inverse Universe

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



314196



253EC2



533196



43444A



00168A



00020A

Previews

White Background



This preview shows how the Hex color 968631 looks on a white background.

Color Contrast Check

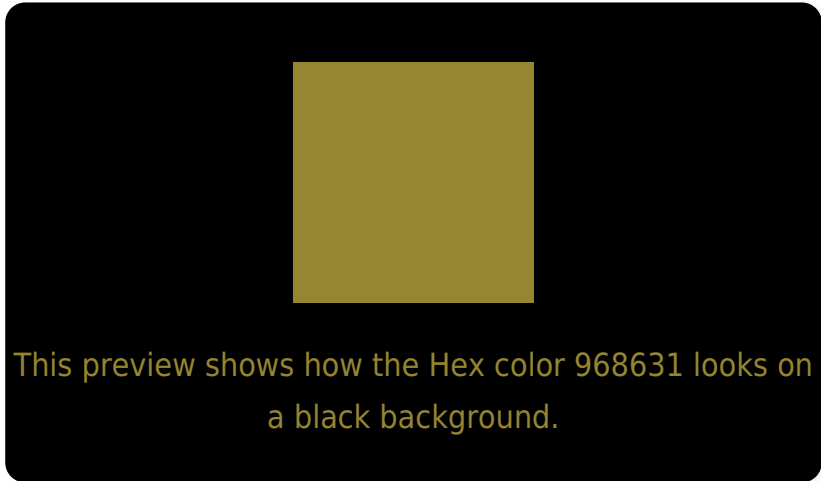
Large Text (above 18pt) WCAG AA ✓ Pass

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 968631 Background



This preview shows how black text looks on a background with the Hex color 968631.



This preview shows how white text looks on a background with the Hex color 968631.

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
968631

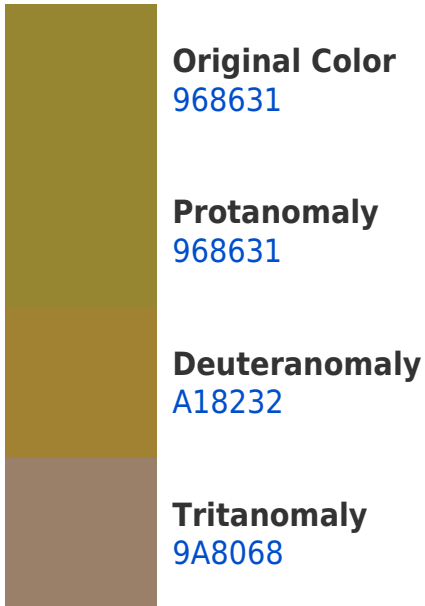
Protanopia
968631

Deuteranopia
A77F33

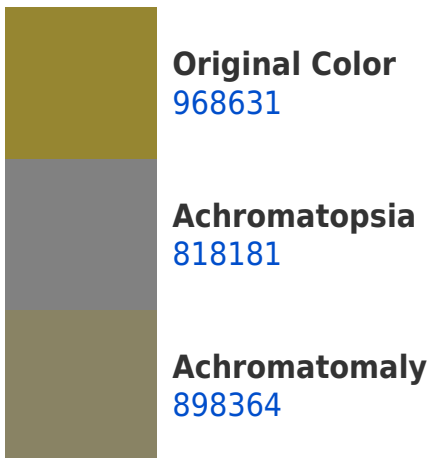


Tritanopia
9D7D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 968631 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 #968631 looks like.

```
.text, #text, p{  
    color:#968631  
}
```

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 #968631 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #968631
}
```

Border

The CSS property to change the border of an element to Hex 968631 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
#968631 }
```

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

```
.border{ border-color:#968631 }
```

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

Here you see how a box with a 4 pixel #968631 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #968631; -webkit-box-shadow:4px 4px  
4px 4px #968631; box-shadow:4px 4px 4px  
4px #968631 }
```

Background

The CSS property to change the background color of an element to Hex 968631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#968631 }
```

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

```
.background{ background-color:#968631 }
```

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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