

Converting Colors

Hex(949668)

Have a look what the booklet for
Hex(949668) contains.

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Color

Hex(949668)

Conversions

Conversions Part 1

Format	Color
Hex	949668
RGB	148, 150, 104
RGB Percent	58%, 59%, 41%
CMY	0.4196, 0.4118, 0.5922
CMYK	0.01, 0.00, 0.31, 0.41
HSL	63°, 18%, 50%
HSV	63°, 31%, 59%
XYZ	25.6178, 29.1081, 17.3649
YIQ	144.1580, 13.5740, -14.7300

Conversions

Conversions Part 2

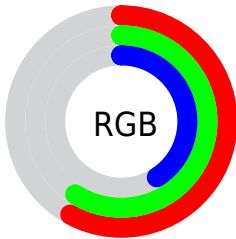
Format	Color
RYB	104, 150, 106
Decimal	9737832
CIELab	60.88, -8.39, 24.09
CIELCh	61, 25.506, 109.203
Yxy	29.1081, 0.3554, 0.4038
Android (android.graphics.Color)	4287927912 (0xFF949668)
YUV	144.1580, -19.7979, 3.3694
Hunter-Lab	53.9519, -9.6593, 18.6833

Details

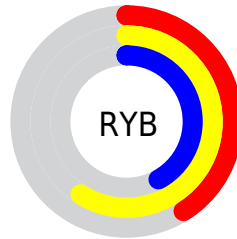
The Hex color **949668** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6A6896**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **CBCC9C**, and **616338** is the 20% darker color. If you saturate the color by 10%, you get **939659**, and if you desaturate by 10%, it is **959677**.

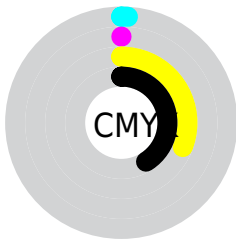
Distribution



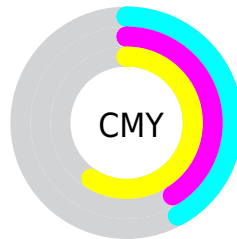
- Red (58%)
- Green (59%)
- Blue (41%)



- Red (41%)
- Yellow (59%)
- Blue (42%)



- Cyan (1%)
- Magenta (0%)
- Yellow (31%)
- Black (41%)



- Cyan (42%)
- Magenta (41%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 949668 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 949668 by changing the saturation by 10% instead.

 949668

 949668

FFFFFF

 7A7C50


 CBCC9C

 616338

 E7E8B7

 484B22

 FFFFD2

 31350C

 FFFFEF

 1C2000

 000600

 000000

 949668

 949668

 939659

 959677

93964A

959686

92963B

969695

91962C

9796A4

91961D

9796B3

90960E

9896C2

8F9600

9996D1

9996E0

9A96EF

Harmonies

Analogous

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



AA8F67



949668



7A9C75

Triad

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



949668



519DB4



BA839C

Complementary

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



949668



6A6896

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.



A888B0



949668



6A97BF

Square

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



949668



4F9FA1



8B90BD



C08385

Rectangle

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



949668



699E82



8B90BD



B584A3

Sweetspot

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



949668



C1C2B0



966A68



606156



E0E0E0



616161

Same Dimension

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



949668



BFC27A



7D9668



4A4A43



848A00



0A0A00

Inverse Universe

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



6A6896



7D7AC2



816896



43434A



06008A



00000A

Previews

White Background



This preview shows how the Hex color 949668 looks on a white background.

Color Contrast Check

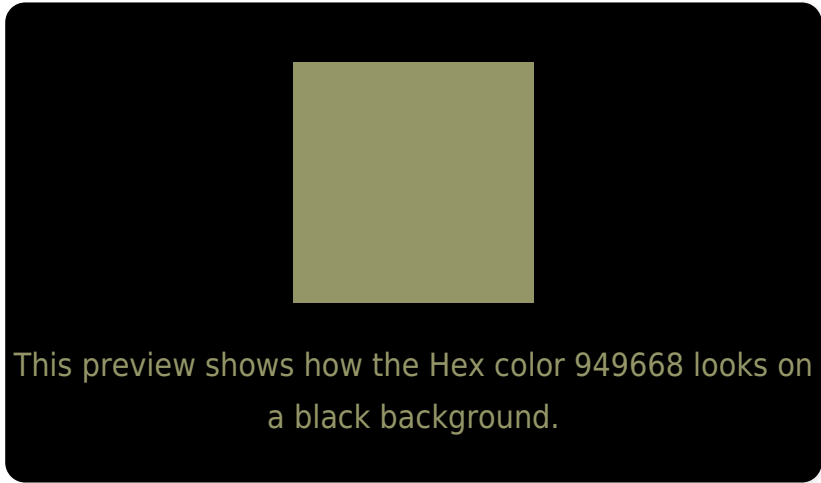
Large Text (above 18pt) WCAG AA ✓ Pass

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

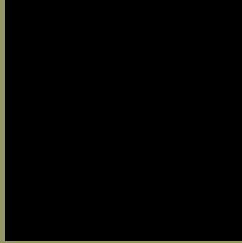
Any Text WCAG AA ✓ Pass

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 949668 Background



This preview shows how black text looks on a background with the Hex color 949668.



This preview shows how white text looks on a background with the Hex color 949668.

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
949668

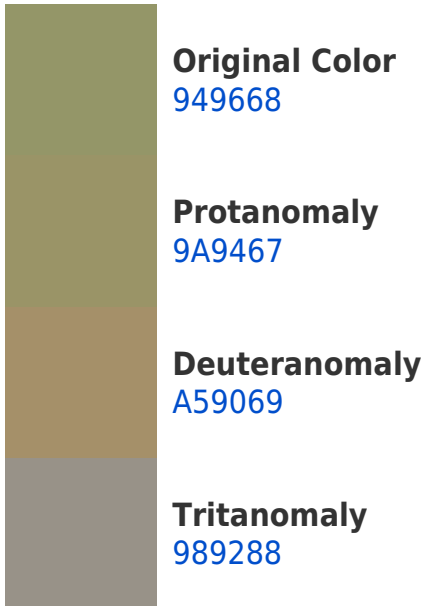
Protanopia
9E9367

Deuteranopia
AE8D6A

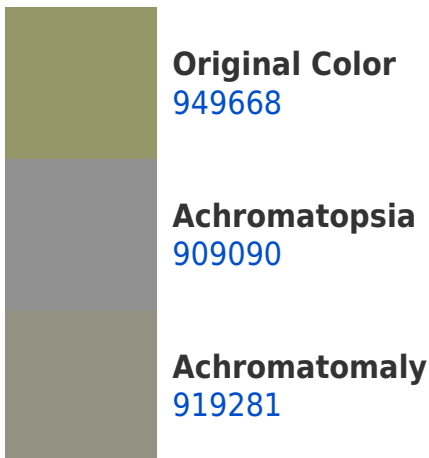


Tritanopia
9A909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 949668 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 #949668 looks like.

```
.text, #text, p{  
    color:#949668  
}
```

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 #949668 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #949668
}
```

Border

The CSS property to change the border of an element to Hex 949668 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
#949668 }
```

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

```
.border{ border-color:#949668 }
```

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

Here you see how a box with a 4 pixel #949668 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #949668; -webkit-box-shadow:4px 4px  
4px 4px #949668; box-shadow:4px 4px 4px  
4px #949668 }
```

Background

The CSS property to change the background color of an element to Hex 949668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#949668 }
```

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

```
.background{ background-color:#949668 }
```

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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