

Converting Colors

Hex(949638)

Have a look what the booklet for
Hex(949638) contains.

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Color

Hex(949638)

Conversions

Conversions Part 1

Format	Color
Hex	949638
RGB	148, 150, 56
RGB Percent	58%, 59%, 22%
CMY	0.4196, 0.4118, 0.7804
CMYK	0.01, 0.00, 0.63, 0.41
HSL	61°, 46%, 40%
HSV	61°, 63%, 59%
XYZ	23.8329, 28.3941, 7.9659
YIQ	138.6860, 28.9820, -29.6580

Conversions

Conversions Part 2

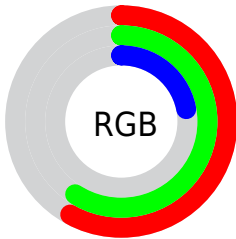
Format	Color
RYB	56, 150, 58
Decimal	9737784
CIELab	60.24, -13.34, 47.81
CIELCh	60, 49.632, 105.591
Yxy	28.3941, 0.3959, 0.4717
Android (android.graphics.Color)	4287927864 (0xFF949638)
YUV	138.6860, -40.7642, 8.1684
Hunter-Lab	53.2861, -13.4143, 28.4369

Details

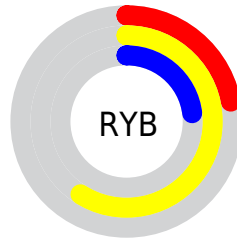
The Hex color **949638** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3A3896**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **CCCC6B**, and **5E6300** is the 20% darker color. If you saturate the color by 10%, you get **949629**, and if you desaturate by 10%, it is **949647**.

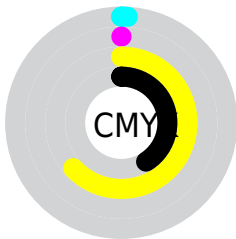
Distribution



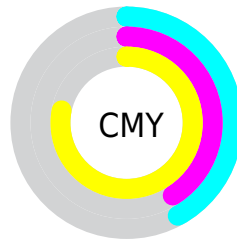
- Red (58%)
- Green (59%)
- Blue (22%)



- Red (22%)
- Yellow (59%)
- Blue (23%)



- Cyan (1%)
- Magenta (0%)
- Yellow (63%)
- Black (41%)



- Cyan (42%)
- Magenta (41%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 949638 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 949638 by changing the saturation by 10% instead.



949638



949638

FFFFFF



797C1E



CCCC6B



5E6300



E9E886



454C00



FFFFA1



2C3500



FFFFBC



132000



FFFFD9



000200



FFFFF6



000000



949638



949638



949629



949647

■ 93961A

■ 959656

■ 93960B

■ 959665

■ 939600

■ 959674

■ 969683

■ 969692

■ 9696A1

■ 9796B0

■ 9796BF

Harmonies

Analogous

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



BC873A



949638



62A051

Triad

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



949638



00A4CF



D76EA8

Complementary

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



949638



3A3896

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.



B17CCF



949638



009CE6

Square

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



949638



00A7A7



6F8EE6



E36C7C

Rectangle

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



949638



32A46B



6F8EE6



CD72B6

Sweetspot

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



949638



C1C29D



963A38



60614B



E0E0E0



616161

Same Dimension

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



949638



BFC230



659638



4A4A43



878A00



0A0A00

Inverse Universe

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



3A3896



3430C2



693896



43434A



03008A



00000A

Previews

White Background



This preview shows how the Hex color 949638 looks on a white background.

Color Contrast Check

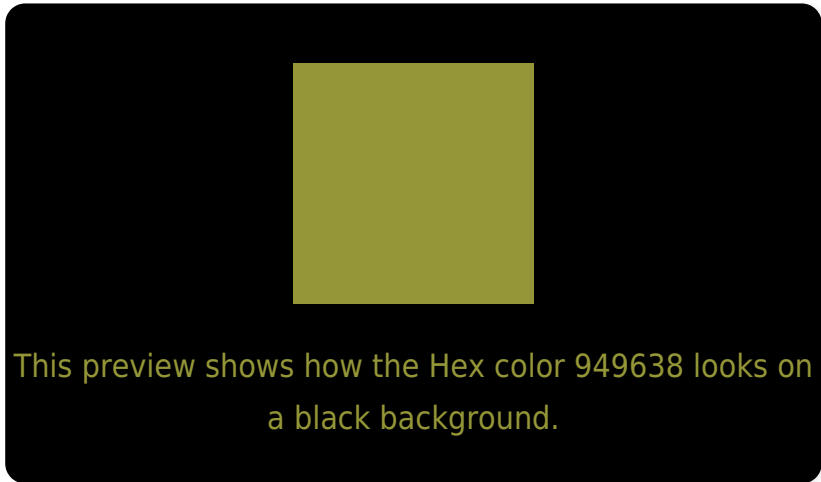
Large Text (above 18pt) WCAG AA ✓ Pass

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 949638 Background



This preview shows how black text looks on a background with the Hex color 949638.



This preview shows how white text looks on a background with the Hex color 949638.

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
949638

Protanopia
A29137

Deuteranopia
B48A3C



Tritanopia
9D8C97

Trichromacy



Original Color
949638

Protanomaly
9D9337

Deuteranomaly
A88E3B

Tritanomaly
9A9074

Monochromacy



Original Color
949638

Achromatopsia
8B8B8B

Achromatomaly
8E8F6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 949638 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 #949638 looks like.

```
.text, #text, p{  
    color:#949638  
}
```

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 #949638 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #949638
}
```

Border

The CSS property to change the border of an element to Hex 949638 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
#949638 }
```

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

```
.border{ border-color:#949638 }
```

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

Here you see how a box with a 4 pixel #949638 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #949638; -webkit-box-shadow:4px 4px  
4px 4px #949638; box-shadow:4px 4px 4px  
4px #949638 }
```

Background

The CSS property to change the background color of an element to Hex 949638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#949638 }
```

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

```
.background{ background-color:#949638 }
```

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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