

# Converting Colors

Hex(929647)

Have a look what the booklet for  
Hex(929647) contains.

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**Color**

**Hex(929647)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 929647                      |
| RGB           | 146, 150, 71                |
| RGB Percent   | 57%, 59%, 28%               |
| CMY           | 0.4275, 0.4118, 0.7216      |
| CMYK          | 0.03, 0.00, 0.53, 0.41      |
| HSL           | 63°, 36%, 43%               |
| HSV           | 63°, 53%, 59%               |
| XYZ           | 23.8977, 28.3786, 10.1793   |
| YIQ           | 139.7980, 22.9750, -25.4170 |

# Conversions

## Conversions Part 2

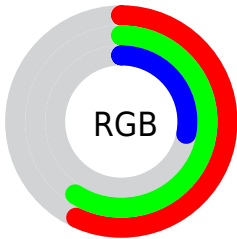
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 71, 150, 75                   |
| Decimal                             | 9606727                       |
| CIE Lab                             | 60.23, -12.99, 40.66          |
| CIE LCh                             | 60, 42.684, 107.724           |
| Yxy                                 | 28.3786, 0.3826,<br>0.4544    |
| Android<br>(android.graphics.Color) | 4287796807<br>(0xFF929647)    |
| YUV                                 | 139.7980, -33.9174,<br>5.4392 |
| Hunter-Lab                          | 53.2716, -13.1498,<br>25.9608 |

# Details

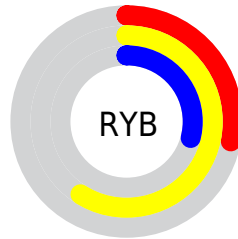
The Hex color **929647** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4B4796**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **C9CC7A**, and **5D6315** is the 20% darker color. If you saturate the color by 10%, you get **919638**, and if you desaturate by 10%, it is **939656**.

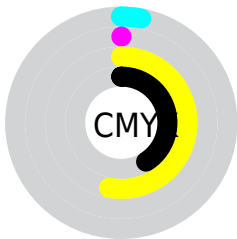
# Distribution



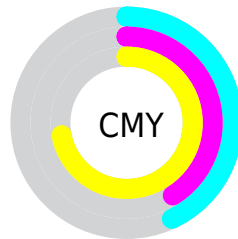
- Red (57%)
- Green (59%)
- Blue (28%)



- Red (28%)
- Yellow (59%)
- Blue (29%)



- Cyan (3%)
- Magenta (0%)
- Yellow (53%)
- Black (41%)



- Cyan (43%)
- Magenta (41%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 929647 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 929647 by changing the saturation by 10% instead.





929647



929647

FFFFFF



777C2E



C9CC7A



5D6315



E6E894



444C00



FFFFAF



2C3500



FFFFCB



142000



FFFFE8



000200



000000



929647



929647



919638



939656

■ 909629

■ 949665

■ 90961A

■ 949674

■ 8F960B

■ 959683

■ 8E9600

■ 969692

■ 9796A1

■ 9796B0

■ 9896BF

■ 9996CE

# Harmonies

## Analogous

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



B58A47



929647



679F5D

# Triad

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



929647



00A1C8



CF74A2

# Complementary

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



929647



4B4796

# 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.



B07FC4



929647



219ADA

# Square

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



929647



00A4A7



7C8DD9



D9737C

# Rectangle

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



929647



42A273



7C8DD9



C777AE



# Sweetspot

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



929647



C0C2A3



964B47



60614E



E0E0E0



616161



# Same Dimension

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



929647



BCC248



6B9647



4A4A43



838A00



0A0A00



# Inverse Universe

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



4B4796



4E48C2



724796



43434A



07008A



01000A



# Previews

## White Background



This preview shows how the Hex color 929647 looks on a white background.

## Color Contrast Check

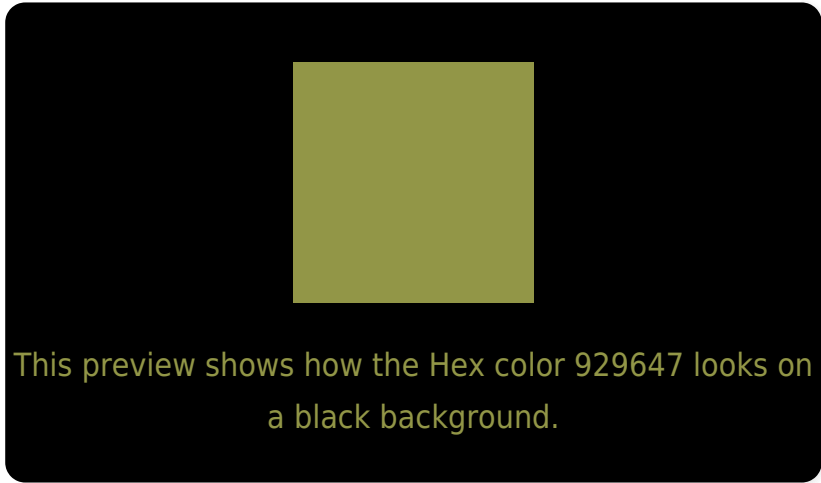
Large Text (above 18pt) WCAG AA ✓ Pass

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

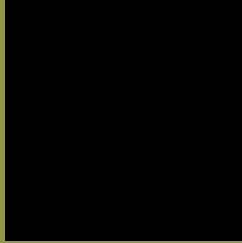
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 929647 Background



This preview shows how black text looks on a background with the Hex color 929647.



This preview shows how white text looks on a background with the Hex color 929647.

# 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**  
929647

**Protanopia**  
A19145

**Deuteranopia**  
B28A4A



**Tritanopia**  
9B8D98

# Trichromacy



**Original Color**  
929647

**Protanomaly**  
9C9346

**Deuteranomaly**  
A68E49

**Tritanomaly**  
98907B

# Monochromacy



**Original Color**  
929647

**Achromatopsia**  
8C8C8C

**Achromatomaly**  
8E9073

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 929647 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 #929647 looks like.

```
.text, #text, p{  
    color:#929647  
}
```

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 #929647 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #929647
}
```

## Border

The CSS property to change the border of an element to Hex 929647 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
#929647 }
```

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

```
.border{ border-color:#929647 }
```

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

Here you see how a box with a 4 pixel #929647 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #929647; -webkit-box-shadow:4px 4px  
4px 4px #929647; box-shadow:4px 4px 4px  
4px #929647 }
```

# Background

The CSS property to change the background color of an element to Hex 929647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#929647 }
```

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

```
.background{ background-color:#929647 }
```

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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