

# Converting Colors

Hex(8F9647)

Have a look what the booklet for  
Hex(8F9647) contains.

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**Color**

**Hex(8F9647)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8F9647
RGB	143, 150, 71
RGB Percent	56%, 59%, 28%
CMY	0.4392, 0.4118, 0.7216
CMYK	0.05, 0.00, 0.53, 0.41
HSL	65°, 36%, 43%
HSV	65°, 53%, 59%
XYZ	23.3714, 28.1073, 10.1547
YIQ	138.9010, 21.1870, -26.0530

# Conversions

## Conversions Part 2

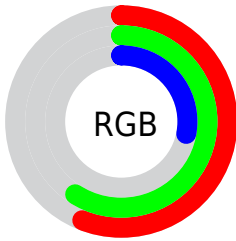
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 150, 78
Decimal	9410119
CIELab	59.99, -14.28, 40.31
CIElCh	60, 42.765, 109.504
Yxy	28.1073, 0.3792, 0.4560
Android (android.graphics.Color)	4287600199 (0xFF8F9647)
YUV	138.9010, -33.4752, 3.5948
Hunter-Lab	53.0163, -14.0897, 25.7551

# Details

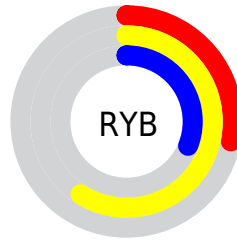
The Hex color **8F9647** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4E4796**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **C6CC7A**, and **5B6315** is the 20% darker color. If you saturate the color by 10%, you get **8E9638**, and if you desaturate by 10%, it is **909656**.

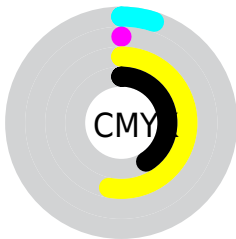
# Distribution



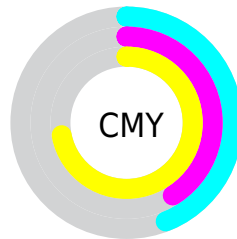
- Red (56%)
- Green (59%)
- Blue (28%)



- Red (28%)
- Yellow (59%)
- Blue (31%)



- Cyan (5%)
- Magenta (0%)
- Yellow (53%)
- Black (41%)



- Cyan (44%)
- Magenta (41%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8F9647 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 8F9647 by changing the saturation by 10% instead.





8F9647



8F9647

FFFFFF



747C2E



C6CC7A



5B6315



E3E894



414C00



FFFFAF



2A3500



FFFFCB



112000



FFFFE8



000000



8F9647



8F9647



8E9638



909656



8C9629



929665

■ 8B961A

■ 939674

■ 8A960B

■ 949683

■ 899600

■ 969692

■ 9796A1

■ 9896B0

■ 9A96BF

■ 9B96CE

# Harmonies

## Analogous

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



B38A45



8F9647



639F5E

# Triad

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



8F9647



00A0C9



D0739F

# Complementary

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



8F9647



4E4796

# 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.



B27DC2



8F9647



2898DA

# Square

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



8F9647



00A4A8



7F8CD7



D87279

# Rectangle

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



8F9647



3DA275



7F8CD7



C875AC



# Sweetspot

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



8F9647



BFC2A3



964E47



5F614E



E0E0E0



616161



# Same Dimension

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



8F9647



B7C248



689647



494A43



7D8A00



090A00



# Inverse Universe

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



4E4796



5348C2



754796



43434A



0C008A



01000A



# Previews

## White Background



This preview shows how the Hex color 8F9647 looks on a white background.

## Color Contrast Check

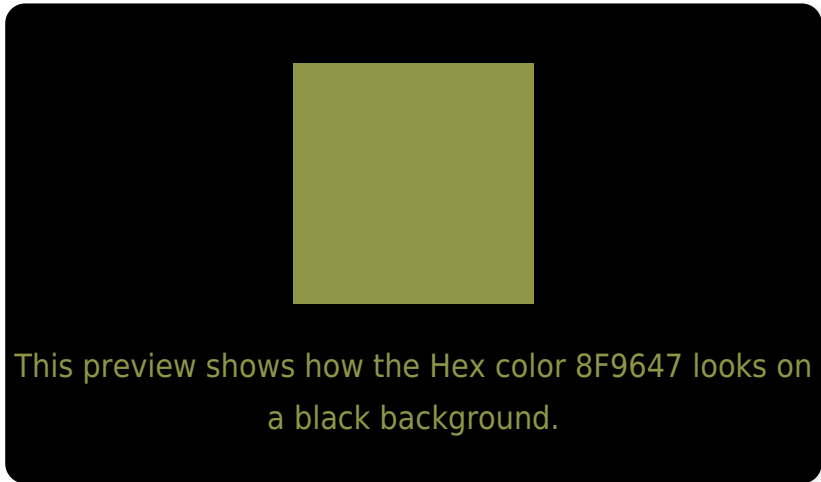
Large Text (above 18pt) WCAG AA ✓ Pass

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

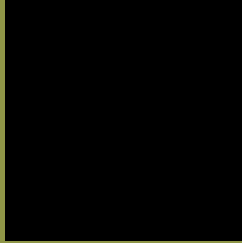
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8F9647 Background



This preview shows how black text looks on a background with the Hex color 8F9647.



This preview shows how white text looks on a background with the Hex color 8F9647.

# 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**  
8F9647

**Protanopia**  
A09145

**Deuteranopia**  
B18A4A



**Tritanopia**  
988D98

# Trichromacy



**Original Color**  
8F9647

**Protanomaly**  
9A9346

**Deuteranomaly**  
A58E49

**Tritanomaly**  
95907B

# Monochromacy



**Original Color**  
8F9647

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
8C8F72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8F9647 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 #8F9647 looks like.

```
.text, #text, p{  
    color:#8F9647  
}
```

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 #8F9647 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F9647
}
```

## Border

The CSS property to change the border of an element to Hex 8F9647 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
#8F9647 }
```

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

```
.border{ border-color:#8F9647 }
```

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

Here you see how a box with a 4 pixel #8F9647 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F9647; -webkit-box-shadow:4px 4px  
4px 4px #8F9647; box-shadow:4px 4px 4px  
4px #8F9647 }
```

# Background

The CSS property to change the background color of an element to Hex 8F9647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F9647 }
```

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

```
.background{ background-color:#8F9647 }
```

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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