

# Converting Colors

Hex(9F6439)

Have a look what the booklet for  
Hex(9F6439) contains.

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**Color**

**Hex(9F6439)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F6439
RGB	159, 100, 57
RGB Percent	62%, 39%, 22%
CMY	0.3765, 0.6078, 0.7765
CMYK	0.00, 0.37, 0.64, 0.38
HSL	25°, 47%, 42%
HSV	25°, 64%, 62%
XYZ	19.5938, 16.7807, 6.0772
YIQ	112.7390, 48.9670, -0.8650

# Conversions

## Conversions Part 2

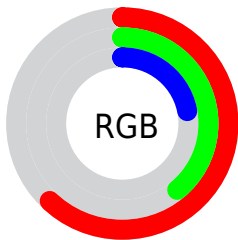
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 131, 57
Decimal	10445881
CIE Lab	47.98, 19.58, 33.88
CIE LCh	48, 39.133, 59.976
Yxy	16.7807, 0.4616, 0.3953
Android (android.graphics.Color)	4288635961 (0xFF9F6439)
YUV	112.7390, -27.4793, 40.5709
Hunter-Lab	40.9642, 13.6917, 19.8791

# Details

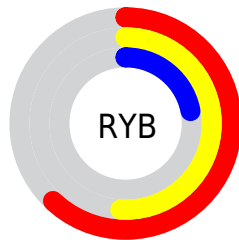
The Hex color **9F6439** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **39749F**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **D99769**, and **67350B** is the 20% darker color. If you saturate the color by 10%, you get **9F5B29**, and if you desaturate by 10%, it is **9F6D49**.

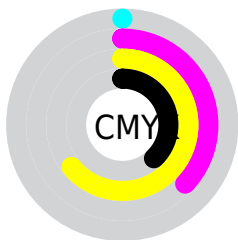
# Distribution



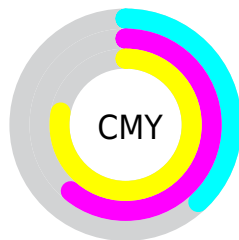
- Red (62%)
- Green (39%)
- Blue (22%)



- Red (62%)
- Yellow (51%)
- Blue (22%)



- Cyan (0%)
- Magenta (37%)
- Yellow (64%)
- Black (38%)



- Cyan (38%)
- Magenta (61%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F6439 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 9F6439 by changing the saturation by 10% instead.





9F6439



9F6439

FFFFFF



834C22



D99769



67350B



F7B283



4D1F00



FFCE9D



320900



FFEAB8



170000



FFFFD4



000000



FFFFFF1



9F6439



9F6439



9F5B29



9F6D49

■ 9F5219

■ 9F7659

■ 9F4809

■ 9F8069

■ 9F4300

■ 9F8979

■ 9F9289

■ 9F9B98

■ 9FA4A8

■ 9FAEB8

■ 9FB7C8

# Harmonies

## Analogous

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



AE5953



9F6439



85702D

# Triad

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



9F6439



008271



7469AB

# Complementary

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



9F6439



39749F

# 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.



3275B4



9F6439



008292

# Square

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



9F6439



388050



007EAA



9A5D93

# Rectangle

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



9F6439



6F7731



007EAA



626EB0



# Sweetspot

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



9F6439



CFB8A7



9F3974



695B51



E8E8E8



696969



# Same Dimension

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



9F6439



CF7330



9F9739



4F4A47



8F3C00



0F0600



# Inverse Universe

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



39749F



308CCF



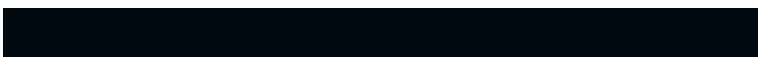
39419F



474C4F



00538F

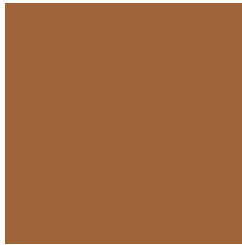


00090F



# Previews

## White Background



This preview shows how the Hex color 9F6439 looks on a white background.

## Color Contrast Check

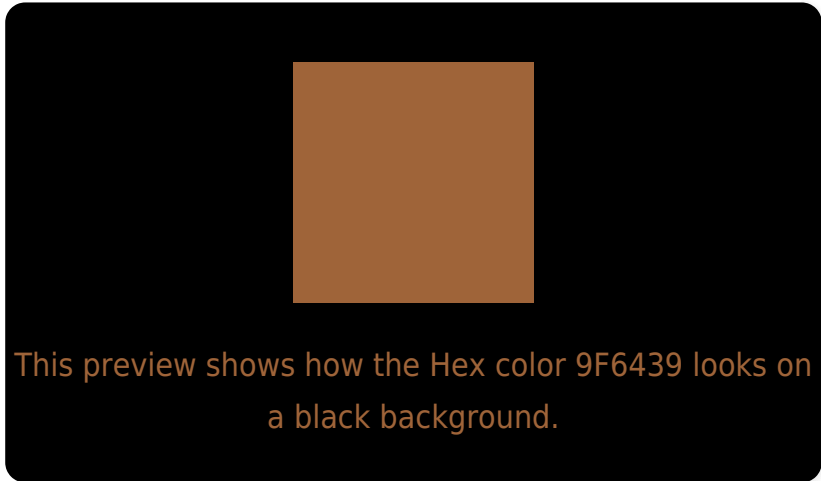
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

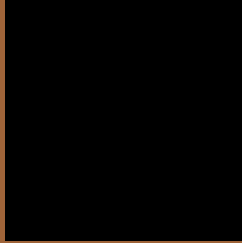
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9F6439 Background



This preview shows how black text looks on a background with the Hex color 9F6439.



This preview shows how white text looks on a background with the Hex color 9F6439.

# 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**  
9F6439

**Protanopia**  
7E723E

**Deuteranopia**  
8D6D37



**Tritanopia**  
A25F66

# Trichromacy



**Original Color**  
9F6439

**Protanomaly**  
8A6D3C

**Deuteranomaly**  
946A38

**Tritanomaly**  
A16156

# Monochromacy



**Original Color**  
9F6439

**Achromatopsia**  
717171

**Achromatomaly**  
826C5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F6439 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 #9F6439 looks like.

```
.text, #text, p{  
    color:#9F6439  
}
```

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 #9F6439 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F6439
}
```

## Border

The CSS property to change the border of an element to Hex 9F6439 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
#9F6439 }
```

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

```
.border{ border-color:#9F6439 }
```

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

Here you see how a box with a 4 pixel #9F6439 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F6439; -webkit-box-shadow:4px 4px  
4px 4px #9F6439; box-shadow:4px 4px 4px  
4px #9F6439 }
```

# Background

The CSS property to change the background color of an element to Hex 9F6439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F6439 }
```

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

```
.background{ background-color:#9F6439 }
```

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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