

# Converting Colors

Hex(9F6319)

Have a look what the booklet for  
Hex(9F6319) contains.

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**Color**

**Hex(9F6319)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 9F6319                      |
| RGB           | 159, 99, 25                 |
| RGB Percent   | 62%, 39%, 10%               |
| CMY           | 0.3765, 0.6118, 0.9020      |
| CMYK          | 0.00, 0.38, 0.84, 0.38      |
| HSL           | 33°, 73%, 36%               |
| HSV           | 33°, 84%, 62%               |
| XYZ           | 18.9354, 16.3648, 3.0804    |
| YIQ           | 108.5040, 59.5140, -10.2940 |

# Conversions

## Conversions Part 2

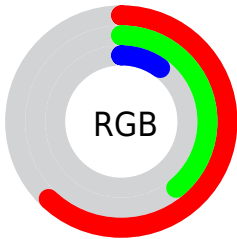
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 134, 159, 25                   |
| Decimal                             | 10445593                       |
| CIE <sub>Lab</sub>                  | 47.45, 18.53, 48.45            |
| CIE <sub>LCh</sub>                  | 47, 51.877, 69.069             |
| Yxy                                 | 16.3648, 0.4934,<br>0.4264     |
| Android<br>(android.graphics.Color) | 4288635673<br>(0xFF9F6319)     |
| YUV                                 | 108.5040, -41.1675,<br>44.2850 |
| Hunter-Lab                          | 40.4534, 12.7585,<br>23.8026   |

# Details

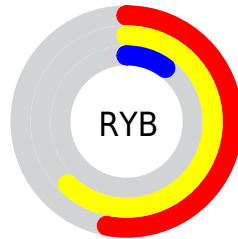
The Hex color **9F6319** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **19559F**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **DA964C**, and **663400** is the 20% darker color. If you saturate the color by 10%, you get **9F5C09**, and if you desaturate by 10%, it is **9F6A29**.

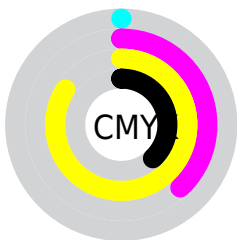
# Distribution



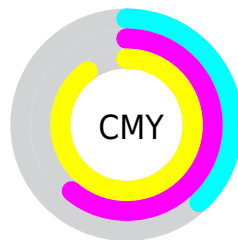
- Red (62%)
- Green (39%)
- Blue (10%)



- Red (53%)
- Yellow (62%)
- Blue (10%)



- Cyan (0%)
- Magenta (38%)
- Yellow (84%)
- Black (38%)



- Cyan (38%)
- Magenta (61%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F6319 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 9F6319 by changing the saturation by 10% instead.





9F6319



9F6319

FFFFFF



824B00



DA964C



663400



F8B165



4A1E00



FFCC7F



300900



FFE89A



120000



FFFFB5



000000



FFFFD1



FFFFEE



9F6319



9F6319

■ 9F5C09

■ 9F6A29

■ 9F5800

■ 9F7139

■ 9F7849

■ 9F7F59

■ 9F8769

■ 9F8E78

■ 9F9588

■ 9F9C98

■ 9FA3A8

# Harmonies

## Analogous

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



B8513C



9F6319



7A7309

# Triad

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



9F6319



00857D



835FB5

# Complementary

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



9F6319



19559F

# 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.



2471C7



9F6319



0084A7

# Square

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



9F6319



008350



007EC2



AF4C91

# Rectangle

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



9F6319



5C7A1B



007EC2



6D66BD



# Sweetspot

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



9F6319



CFB79B



9F1955



695B49



E8E8E8



696969



# Same Dimension

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



9F6319



CF7200



989F19



4F4C47



8F4F00



0F0800



# Inverse Universe

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



19559F



005CCF



20199F



474B4F



00408F

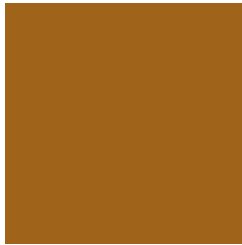


00070F



# Previews

## White Background



This preview shows how the Hex color 9F6319 looks on a white background.

## Color Contrast Check

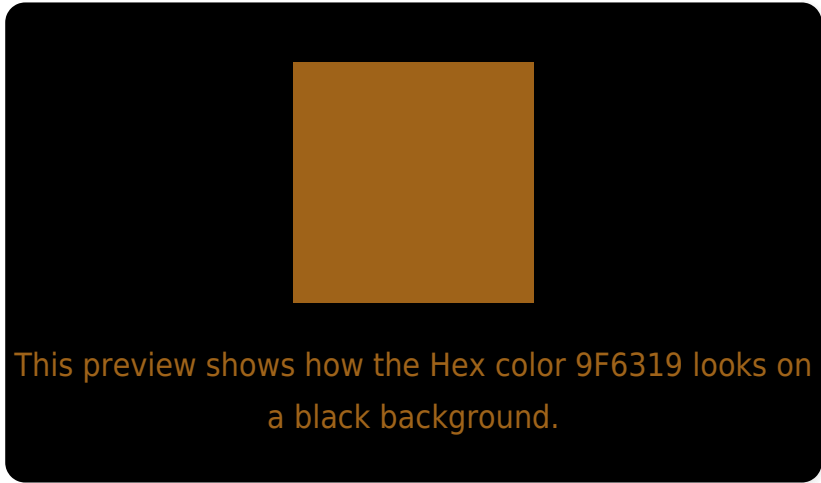
Large Text (above 18pt) WCAG AA ✓ Pass

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 9F6319 Background



This preview shows how black text looks on a background with the Hex color 9F6319.



This preview shows how white text looks on a background with the Hex color 9F6319.

# 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**  
9F6319

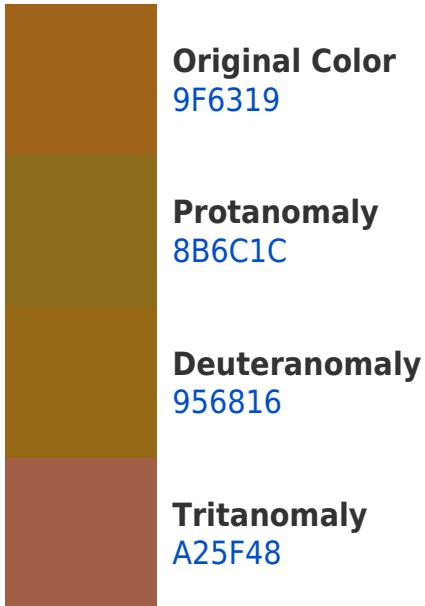
**Protanopia**  
7F711D

**Deuteranopia**  
8F6B14

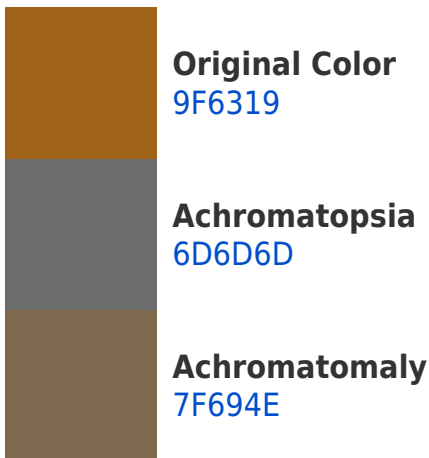


**Tritanopia**  
A35C63

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F6319 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 #9F6319 looks like.

```
.text, #text, p{  
    color:#9F6319  
}
```

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 #9F6319 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F6319
}
```

## Border

The CSS property to change the border of an element to Hex 9F6319 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
#9F6319 }
```

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

```
.border{ border-color:#9F6319 }
```

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

Here you see how a box with a 4 pixel #9F6319 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F6319; -webkit-box-shadow:4px 4px  
4px 4px #9F6319; box-shadow:4px 4px 4px  
4px #9F6319 }
```

# Background

The CSS property to change the background color of an element to Hex 9F6319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F6319 }
```

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

```
.background{ background-color:#9F6319 }
```

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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