

Converting Colors

Hex(9F611D)

Have a look what the booklet for
Hex(9F611D) contains.

Hex(9F611D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9F611D)

Conversions

Conversions Part 1

Format	Color
Hex	9F611D
RGB	159, 97, 29
RGB Percent	62%, 38%, 11%
CMY	0.3765, 0.6196, 0.8863
CMYK	0.00, 0.39, 0.82, 0.38
HSL	31°, 69%, 37%
HSV	31°, 82%, 62%
XYZ	18.7945, 16.0090, 3.2619
YIQ	107.7860, 58.7800, -8.0040

Conversions

Conversions Part 2

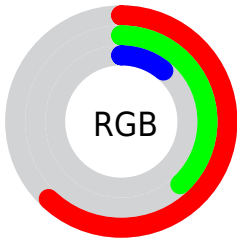
Format	Color
RYB	148, 159, 29
Decimal	10445085
CIELab	46.99, 19.80, 46.48
CIElCh	47, 50.524, 66.924
Yxy	16.0090, 0.4937, 0.4206
Android (android.graphics.Color)	4288635165 (0xFF9F611D)
YUV	107.7860, -38.8415, 44.9147
Hunter-Lab	40.0113, 13.8273, 23.1744

Details

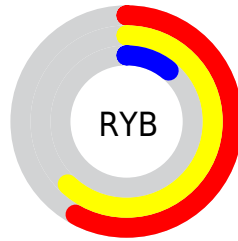
The Hex color **9F611D** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1D5B9F**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **DA944F**, and **673200** is the 20% darker color. If you saturate the color by 10%, you get **9F590D**, and if you desaturate by 10%, it is **9F692D**.

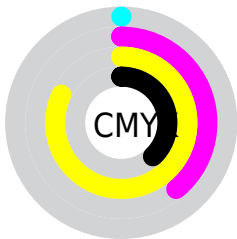
Distribution



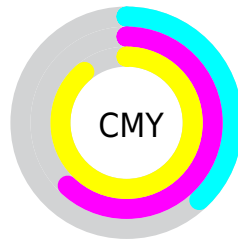
- Red (62%)
- Green (38%)
- Blue (11%)



- Red (58%)
- Yellow (62%)
- Blue (11%)



- Cyan (0%)
- Magenta (39%)
- Yellow (82%)
- Black (38%)



- Cyan (38%)
- Magenta (62%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F611D 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 9F611D by changing the saturation by 10% instead.

 9F611D

 9F611D

FFFFFF

 824900

 DA944F

 673200

 F8AF68

 4A1C00

 FFCA82

 300700

 FFE69D

 100000

 FFFF88

 000000

 FFFFD4

 FFFFF1

 9F611D

 9F611D

■ 9F590D

■ 9F692D

■ 9F5300

■ 9F703D

■ 9F784D

■ 9F7F5D

■ 9F876D

■ 9F8E7C

■ 9F968C

■ 9F9E9C

■ 9FA5AC

Harmonies

Analogous

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



B6503F



9F611D



7C710D

Triad

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



9F611D



008478



7E60B4

Complementary

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



9F611D



1D5B9F

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.



1971C4



9F611D



0082A1

Square

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



9F611D



00814C



007DBD



AA4E92

Rectangle

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



9F611D



5F781B



007DBD



6766BC

Sweetspot

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



9F611D



CFB69B



9F1D5C



695A49



E8E8E8



696969

Same Dimension

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



9F611D



CF6E04



9D9F1D



4F4B47



8F4B00



0F0800

Inverse Universe

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



1D5B9F



0465CF



1F1D9F



474B4F



00448F



00070F

Previews

White Background



This preview shows how the Hex color 9F611D 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 9F611D Background



This preview shows how black text looks on a background with the Hex color 9F611D.



This preview shows how white text looks on a background with the Hex color 9F611D.

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
9F611D

Protanopia
7D7021

Deuteranopia
8D6A19



Tritanopia
A25B61

Trichromacy



Original Color
9F611D

Protanomaly
896B20

Deuteranomaly
94671A

Tritanomaly
A15D48

Monochromacy



Original Color
9F611D

Achromatopsia
6C6C6C

Achromatomaly
7F684F

CSS Examples

Text

The CSS property to change the color of the text to Hex 9F611D 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 #9F611D looks like.

```
.text, #text, p{  
    color:#9F611D  
}
```

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 #9F611D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F611D
}
```

Border

The CSS property to change the border of an element to Hex 9F611D 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
#9F611D }
```

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

```
.border{ border-color:#9F611D }
```

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

Here you see how a box with a 4 pixel #9F611D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F611D; -webkit-box-shadow:4px 4px  
4px 4px #9F611D; box-shadow:4px 4px 4px  
4px #9F611D }
```

Background

The CSS property to change the background color of an element to Hex 9F611D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F611D }
```

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

```
.background{ background-color:#9F611D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor