

# Converting Colors

Hex(9B610F)

Have a look what the booklet for  
Hex(9B610F) contains.

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**Color**

**Hex(9B610F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B610F
RGB	155, 97, 15
RGB Percent	61%, 38%, 6%
CMY	0.3922, 0.6196, 0.9412
CMYK	0.00, 0.37, 0.90, 0.39
HSL	35°, 82%, 33%
HSV	35°, 90%, 61%
XYZ	17.8785, 15.5524, 2.5116
YIQ	104.9940, 60.8900, -13.2060

# Conversions

## Conversions Part 2

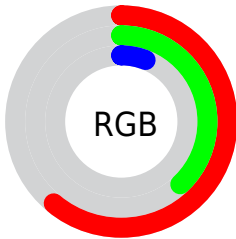
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">114, 155, 15</a>
Decimal	<a href="#">10182927</a>
CIELab	<a href="#">46.38, 17.60, 50.62</a>
CIElCh	<a href="#">46, 53.594, 70.831</a>
Yxy	<a href="#">15.5524, 0.4974, 0.4327</a>
Android (android.graphics.Color)	<a href="#">4288373007</a> ( <a href="#">0xFF9B610F</a> )
YUV	<a href="#">104.9940, -44.3670, 43.8553</a>
Hunter-Lab	<a href="#">39.4366, 11.9086, 23.8297</a>

# Details

The Hex color **9B610F** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0F499B**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **D69445**, and **623200** is the 20% darker color. If you saturate the color by 10%, you get **9B5B00**, and if you desaturate by 10%, it is **9B671F**.

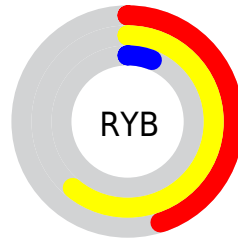
# Distribution



Red (61%)

Green (38%)

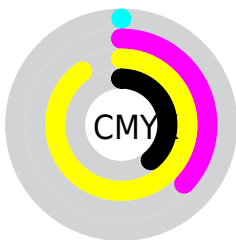
Blue (6%)



Red (45%)

Yellow (61%)

Blue (6%)

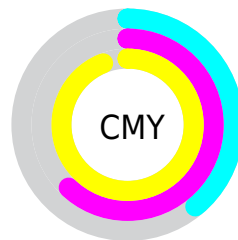


Cyan (0%)

Magenta (37%)

Yellow (90%)

Black (39%)



Cyan (39%)

Magenta (62%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B610F 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 9B610F by changing the saturation by 10% instead.



 9B610F

 9B610F

FFFFFF

 7E4900

 D69445

 623200

 F4AE5E

 471D00

 FFCA78

 2D0800

 FFE693

 050000

 FFFFAE

 000000

 FFFPCA

 FFFF66

 9B610F

 9B610F

■ 9B5B00

■ 9B671F

■ 9B6E2E

■ 9B743E

■ 9B7B4D

■ 9B815D

■ 9B886C

■ 9B8E7C

■ 9B948B

■ 9B9B9B

# Harmonies

## Analogous

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



B64E35



9B610F



757100

# Triad

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



9B610F



00837D



845AB2

# Complementary

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



9B610F



0F499B

# 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.



236EC7



9B610F



0081A8

# Square

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



9B610F



00814F



007BC3



B0478C

# Rectangle

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



9B610F



557815



007BC3



6E61BC



# Sweetspot

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



9B610F



C9B393



9B0F49



665845



E6E6E6



666666



# Same Dimension

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



9B610F



C97600



8F9B0F



4D4945



8C5200



0D0700



# Inverse Universe

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



0F499B



0053C9



1B0F9B



45484D



003A8C



00050D



# Previews

## White Background



This preview shows how the Hex color 9B610F looks on a white background.

## Color Contrast Check

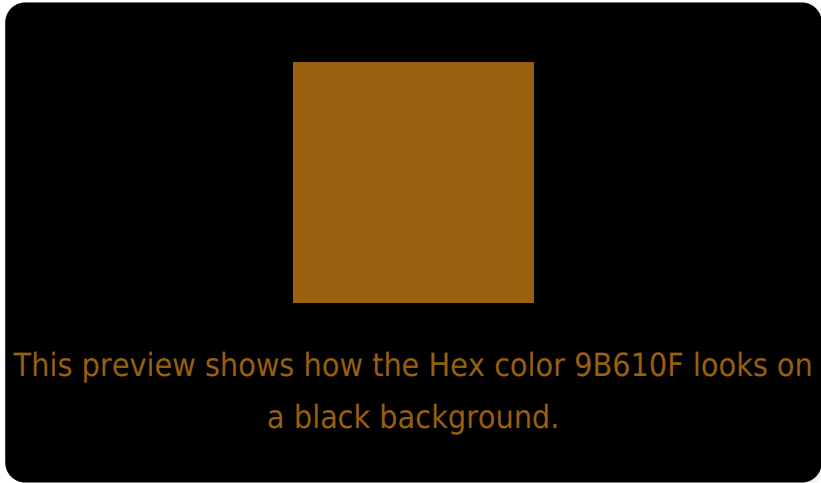
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B610F Background



This preview shows how black text looks on a background with the Hex color 9B610F.



This preview shows how white text looks on a background with the Hex color 9B610F.

# 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**  
9B610F

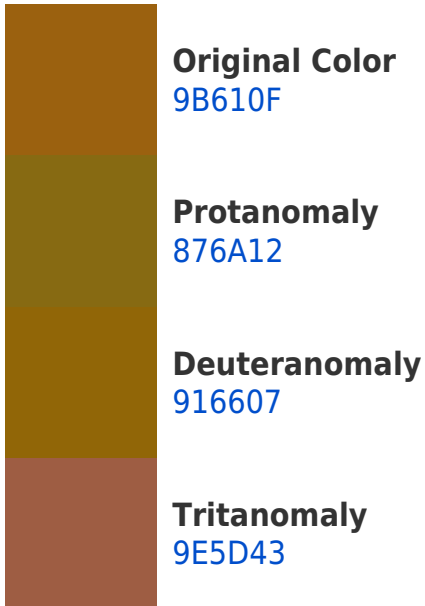
**Protanopia**  
7C6F13

**Deuteranopia**  
8C6903

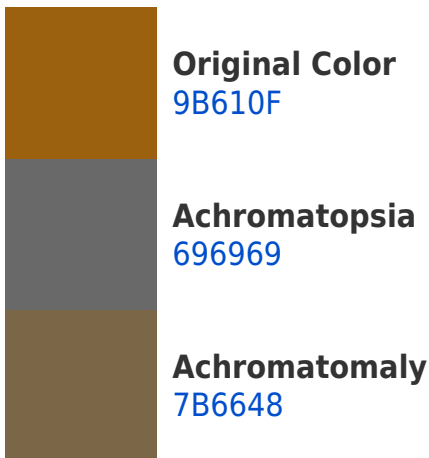


**Tritanopia**  
9F5A61

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B610F 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 #9B610F looks like.

```
.text, #text, p{  
    color:#9B610F  
}
```

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 #9B610F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B610F
}
```

## Border

The CSS property to change the border of an element to Hex 9B610F is called "border". The border property can be set on classes, ids or directly on the HTML element.

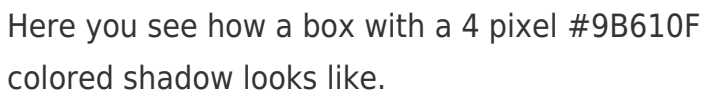
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B610F }
```

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

```
.border{ border-color:#9B610F }
```

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



Here you see how a box with a 4 pixel #9B610F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B610F; -webkit-box-shadow:4px 4px  
4px 4px #9B610F; box-shadow:4px 4px 4px  
4px #9B610F }
```

# Background

The CSS property to change the background color of an element to Hex 9B610F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B610F }
```

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

```
.background{ background-color:#9B610F }
```

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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