

# Converting Colors

Hex(9E941A)

Have a look what the booklet for  
Hex(9E941A) contains.

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**Color**

**Hex(9E941A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E941A
RGB	158, 148, 26
RGB Percent	62%, 58%, 10%
CMY	0.3804, 0.4196, 0.8980
CMYK	0.00, 0.06, 0.84, 0.38
HSL	55°, 72%, 36%
HSV	55°, 84%, 62%
XYZ	24.8769, 28.5235, 5.1717
YIQ	137.0820, 45.1220, -35.8220

# Conversions

## Conversions Part 2

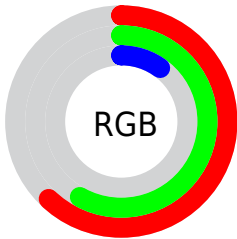
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 158, 26
Decimal	10392602
CIE <sub>Lab</sub>	60.36, -9.30, 59.22
CIE <sub>LCh</sub>	60, 59.948, 98.925
Yxy	28.5235, 0.4247, 0.4870
Android (android.graphics.Color)	4288582682 (0xFF9E941A)
YUV	137.0820, -54.7634, 18.3451
Hunter-Lab	53.4074, -10.3185, 31.6438

# Details

The Hex color **9E941A** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **1A249E**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **D8CA53**, and **676200** is the 20% darker color. If you saturate the color by 10%, you get **9E930A**, and if you desaturate by 10%, it is **9E952A**.

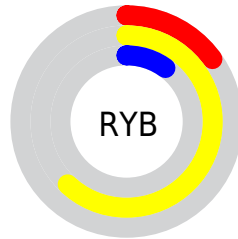
# Distribution



Red (62%)

Green (58%)

Blue (10%)



Red (15%)

Yellow (62%)

Blue (10%)

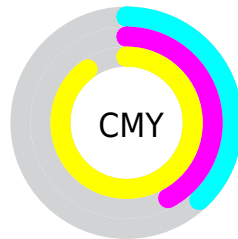


Cyan (0%)

Magenta (6%)

Yellow (84%)

Black (38%)



Cyan (38%)

Magenta (42%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E941A 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 9E941A by changing the saturation by 10% instead.





9E941A



9E941A

FFFFFF



827A00



D8CA53



676200



F6E66E



4C4A00



FFFF89



323400



FFFFA5



191F00



FFFFC1



000200



FFFFDE



000000



FFFFFB



9E941A



9E941A

 9E930A

 9E952A

 9E9200

 9E963A

 9E9849

 9E9959

 9E9A69

 9E9B79

 9E9C89

 9E9E98

 9E9FA8

# Harmonies

## Analogous

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



CB8129



9E941A



65A139

# Triad

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



9E941A



00A9D3



DD67B9

# Complementary

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



9E941A



1A249E

# 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.



A87DE4



9E941A



00A1F4

# Square

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



9E941A



00ABA0



3C92FA



F15F84

# Rectangle

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



9E941A



27A658



3C92FA



CF6DC9



# Sweetspot

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



9E941A



CFCB9B



9E1A25



696649



E8E8E8



696969



# Same Dimension

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



9E941A



CFBF00



679E1A



4F4E47



8F8400



0F0E00



# Inverse Universe

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



1A249E



0010CF



511A9E



47484F



000B8F



00010F



# Previews

## White Background



This preview shows how the Hex color 9E941A looks on a white background.

## Color Contrast Check

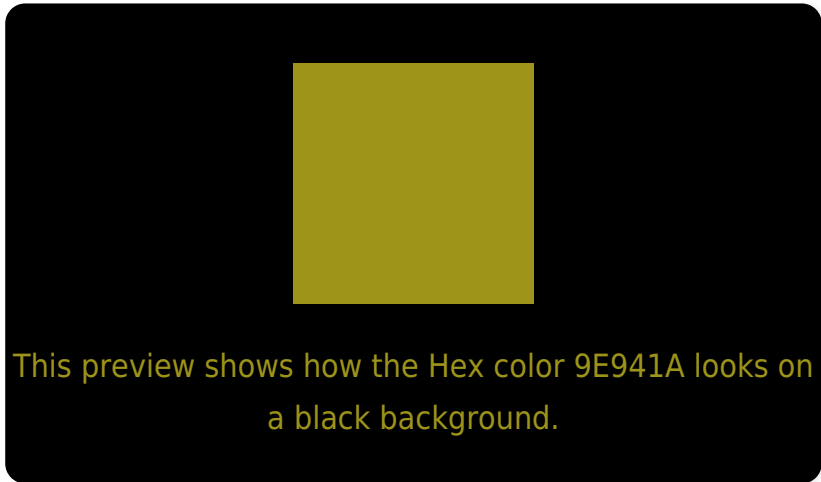
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E941A Background



This preview shows how black text looks on a background with the Hex color 9E941A.



This preview shows how white text looks on a background with the Hex color 9E941A.

# 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**  
9E941A

**Protanopia**  
A49219

**Deuteranopia**  
B78A20

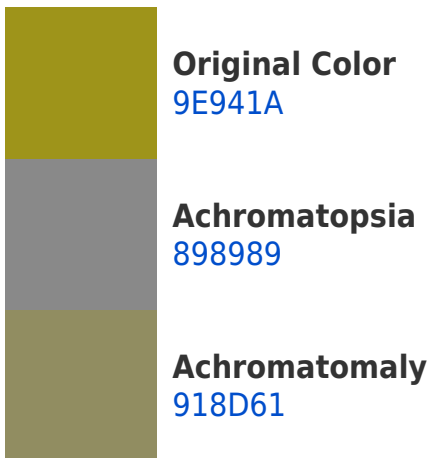


**Tritanopia**  
A78A94

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E941A 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 #9E941A looks like.

```
.text, #text, p{  
    color:#9E941A  
}
```

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 #9E941A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E941A
}
```

## Border

The CSS property to change the border of an element to Hex 9E941A 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
#9E941A }
```

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

```
.border{ border-color:#9E941A }
```

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

Here you see how a box with a 4 pixel #9E941A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E941A; -webkit-box-shadow:4px 4px  
4px 4px #9E941A; box-shadow:4px 4px 4px  
4px #9E941A }
```

# Background

The CSS property to change the background color of an element to Hex 9E941A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E941A }
```

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

```
.background{ background-color:#9E941A }
```

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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