

Converting Colors

Hex(9B861F)

Have a look what the booklet for
Hex(9B861F) contains.

Hex(9B861F)	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(9B861F)

Conversions

Conversions Part 1

Format	Color
Hex	9B861F
RGB	155, 134, 31
RGB Percent	61%, 53%, 12%
CMY	0.3922, 0.4745, 0.8784
CMYK	0.00, 0.14, 0.80, 0.39
HSL	50°, 67%, 36%
HSV	50°, 80%, 61%
XYZ	22.2900, 24.1177, 4.7767
YIQ	128.5370, 45.5790, -27.5810

Conversions

Conversions Part 2

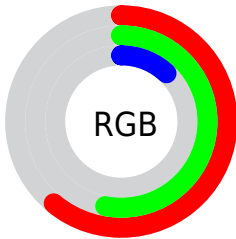
Format	Color
RYB	56, 155, 31
Decimal	10192415
CIELab	56.21, -2.89, 53.95
CIELCh	56, 54.032, 93.068
Yxy	24.1177, 0.4355, 0.4712
Android (android.graphics.Color)	4288382495 (0xFF9B861F)
YUV	128.5370, -48.0857, 23.2081
Hunter-Lab	49.1098, -4.9243, 28.6100

Details

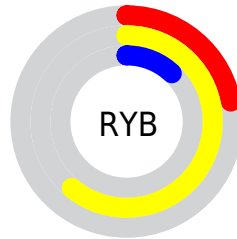
The Hex color **9B861F** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **1F349B**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **D5BB55**, and **645500** is the 20% darker color. If you saturate the color by 10%, you get **9B830F**, and if you desaturate by 10%, it is **9B892F**.

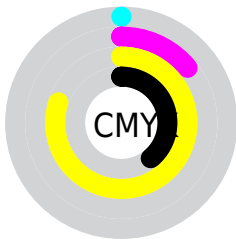
Distribution



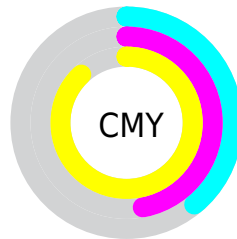
- Red (61%)
- Green (53%)
- Blue (12%)



- Red (22%)
- Yellow (61%)
- Blue (12%)



- Cyan (0%)
- Magenta (14%)
- Yellow (80%)
- Black (39%)



- Cyan (39%)
- Magenta (47%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B861F 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 9B861F by changing the saturation by 10% instead.

 9B861F

 9B861F

FFFFFF

 7F6D00

 D5BB55

 645500

 F2D66F

 493E00

 FFF38A

 2F2800

 FFFFA5

 171400

 FFFFC1

 000000

 FFFFDD

 FFFFFB

 9B861F

 9B861F

 9B830F

 9B892F

 9B8100

 9B8B3E

 9B8E4E

 9B915D

 9B936C

 9B967C

 9B988B

 9B9B9B

 9B9EAB

Harmonies

Analogous

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



C17431



9B861F



6B9332

Triad

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



9B861F



009CB9



C465B2

Complementary

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



9B861F



1F349B

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.



8E78D6



9B861F



0097DA

Square

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



9B861F



009D8A



158AE5



DB5B84

Rectangle

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



9B861F



40984B



158AE5



B56BC0

Sweetspot

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



9B861F



C9C199



9B1F36



666148



E6E6E6



666666

Same Dimension

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



9B861F



C9A908



749B1F



4D4B45



8C7400



0D0B00

Inverse Universe

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



1F349B



0829C9



461F9B



45464D



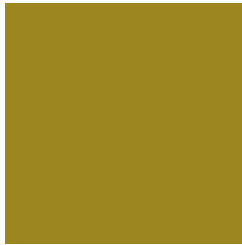
00188C



00020D

Previews

White Background



This preview shows how the Hex color 9B861F looks on a white background.

Color Contrast Check

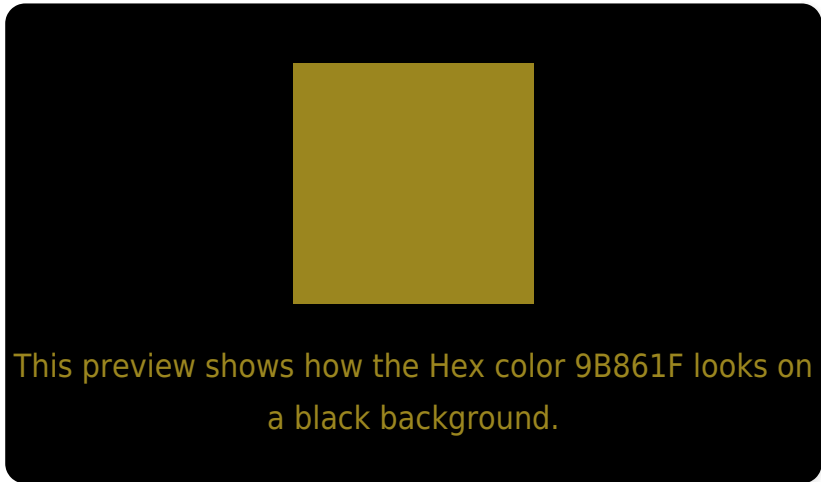
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B861F Background



This preview shows how black text looks on a background with the Hex color 9B861F.



This preview shows how white text looks on a background with the Hex color 9B861F.

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
9B861F

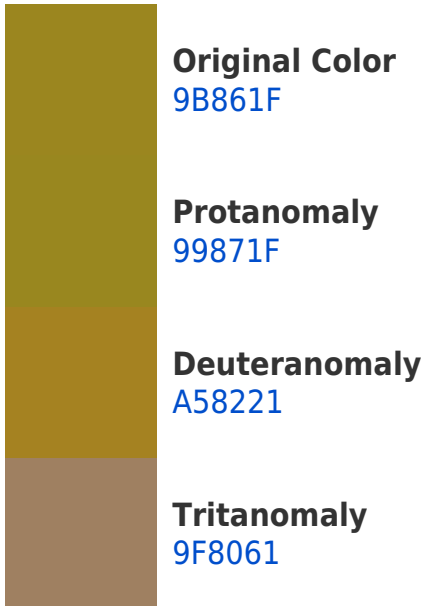
Protanopia
98871F

Deuteranopia
AA8022

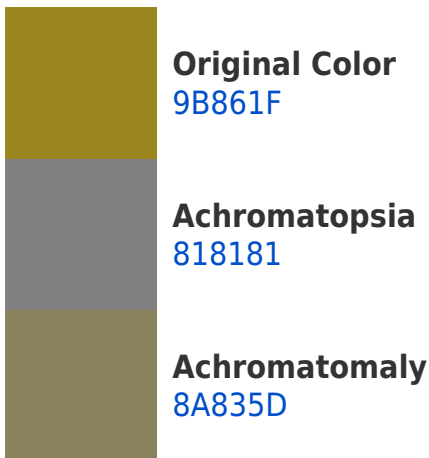


Tritanopia
A27D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9B861F 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 #9B861F looks like.

```
.text, #text, p{  
    color:#9B861F  
}
```

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 #9B861F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B861F
}
```

Border

The CSS property to change the border of an element to Hex 9B861F 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
#9B861F }
```

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

```
.border{ border-color:#9B861F }
```

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

Here you see how a box with a 4 pixel #9B861F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B861F; -webkit-box-shadow:4px 4px  
4px 4px #9B861F; box-shadow:4px 4px 4px  
4px #9B861F }
```

Background

The CSS property to change the background color of an element to Hex 9B861F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B861F }
```

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

```
.background{ background-color:#9B861F }
```

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