

# Converting Colors

Hex(869146)

Have a look what the booklet for  
Hex(869146) contains.

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**Color**

**Hex(869146)**

# Conversions

## Conversions Part 1

Format	Color
Hex	869146
RGB	134, 145, 70
RGB Percent	53%, 57%, 27%
CMY	0.4745, 0.4314, 0.7255
CMYK	0.08, 0.00, 0.52, 0.43
HSL	69°, 35%, 42%
HSV	69°, 52%, 57%
XYZ	21.0624, 25.7613, 9.6567
YIQ	133.1610, 17.5190, -25.6570

# Conversions

## Conversions Part 2

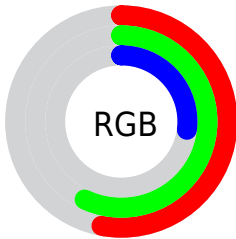
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 145, 81
Decimal	8819014
CIELab	57.81, -15.58, 38.07
CIElCh	58, 41.131, 112.252
Yxy	25.7613, 0.3729, 0.4561
Android (android.graphics.Color)	4287009094 (0xFF869146)
YUV	133.1610, -31.1384, 0.7358
Hunter-Lab	50.7556, -14.7490, 24.2485

# Details


The Hex color **869146** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **514691**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **BDC778**, and **525F15** is the 20% darker color. If you saturate the color by 10%, you get **849138**, and if you desaturate by 10%, it is **889155**.

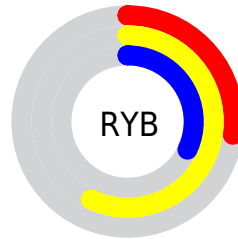
# Distribution



 Red (53%)

 Green (57%)

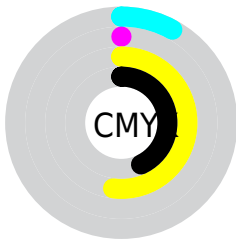
 Blue (27%)



 Red (27%)

 Yellow (57%)

 Blue (32%)

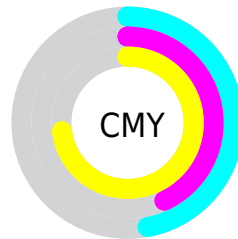



 Cyan (8%)


 Magenta (0%)

 Yellow (52%)

 Black (43%)



 Cyan (47%)

 Magenta (43%)

 Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 869146 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 869146 by changing the saturation by 10% instead.





869146



869146

FFFFFF



6C772E



BDC778



525F15



D9E393



3A4700



F6FFAE



223100



FFFFC9



031C00



FFFFE6



000000



869146



869146



849138



889155



829129



8A9163

■ 80911B

■ 8C9172

■ 7D910C

■ 8F9180

■ 7C9100

■ 91918F

■ 93919D

■ 9591AB

■ 9791BA

■ 9991C9

# Harmonies

## Analogous

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



A98642



869146



5C995D

# Triad

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



869146



009AC3



C96E96

# Complementary

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



869146



514691

# 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.



AF77B7



869146



3491D2

# Square

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



869146



009DA5



7F85CD



CF6F72

# Rectangle

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



869146



369C74



7F85CD



C370A2



# Sweetspot

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



869146



B8BD9F



915046



5C5E4C



DEDEDE



5E5E5E



# Same Dimension

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



869146



ACBD48



629146



464740



738700



070800



# Inverse Universe

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



514691



5948BD



764691



414047



140087



010008



# Previews

## White Background



This preview shows how the Hex color 869146 looks on a white background.

## Color Contrast Check

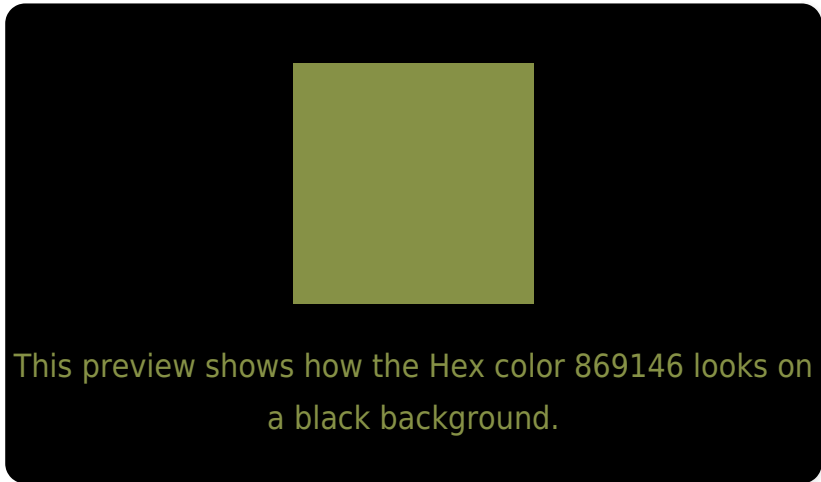
Large Text (above 18pt) WCAG AA ✓ Pass

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

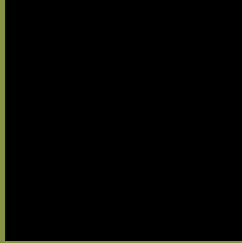
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 869146 Background



This preview shows how black text looks on a background with the Hex color 869146.

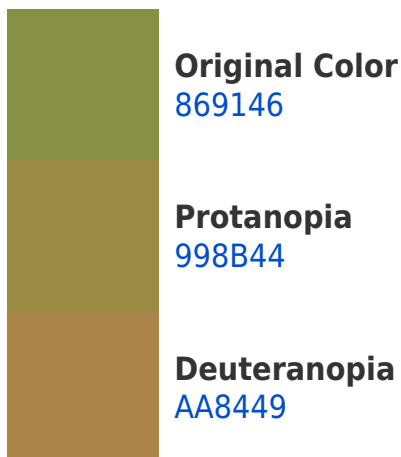


This preview shows how white text looks on a background with the Hex color 869146.

# 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





**Tritanopia**  
8F8993

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 869146 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 #869146 looks like.

```
.text, #text, p{  
    color:#869146  
}
```

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 #869146 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #869146
}
```

## Border

The CSS property to change the border of an element to Hex 869146 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
#869146 }
```

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

```
.border{ border-color:#869146 }
```

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

Here you see how a box with a 4 pixel #869146 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #869146; -webkit-box-shadow:4px 4px  
4px 4px #869146; box-shadow:4px 4px 4px  
4px #869146 }
```

# Background

The CSS property to change the background color of an element to Hex 869146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#869146 }
```

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

```
.background{ background-color:#869146 }
```

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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