

# Converting Colors

Hex(868527)

Have a look what the booklet for  
Hex(868527) contains.

|                                                |    |
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**Color**

**Hex(868527)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 868527                      |
| RGB           | 134, 133, 39                |
| RGB Percent   | 53%, 52%, 15%               |
| CMY           | 0.4745, 0.4784, 0.8471      |
| CMYK          | 0.00, 0.01, 0.71, 0.47      |
| HSL           | 59°, 55%, 34%               |
| HSV           | 59°, 71%, 53%               |
| XYZ           | 18.5853, 21.9899, 5.1844    |
| YIQ           | 122.5830, 30.7700, -29.0220 |

# Conversions

## Conversions Part 2

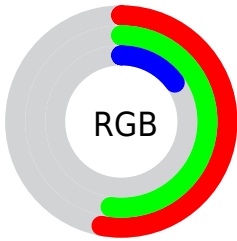
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 40, 134, 39                    |
| Decimal                             | 8815911                        |
| CIELab                              | 54.02, -11.58, 48.23           |
| CIELCh                              | 54, 49.600, 103.506            |
| Yxy                                 | 21.9899, 0.4062,<br>0.4806     |
| Android<br>(android.graphics.Color) | 4287005991<br>(0xFF868527)     |
| YUV                                 | 122.5830, -41.2064,<br>10.0127 |
| Hunter-Lab                          | 46.8934, -11.3184,<br>26.2704  |

# Details

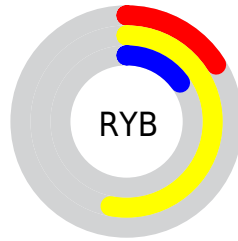
The Hex color **868527** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **272886**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **BEBA5A**, and **515400** is the 20% darker color. If you saturate the color by 10%, you get **86851A**, and if you desaturate by 10%, it is **868534**.

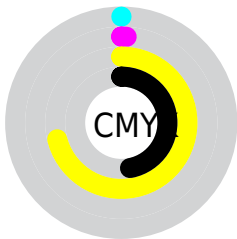
# Distribution



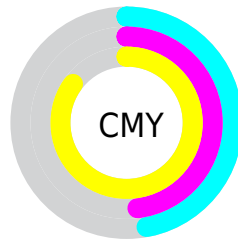
- Red (53%)
- Green (52%)
- Blue (15%)



- Red (16%)
- Yellow (53%)
- Blue (15%)



- Cyan (0%)
- Magenta (1%)
- Yellow (71%)
- Black (47%)



- Cyan (47%)
- Magenta (48%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 868527 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 868527 by changing the saturation by 10% instead.



 868527

 868527

FFFFFF

 6B6C08

 BEBA5A

 515400

 DAD674

 383D00

 F8F28F

 1F2700

 FFFFAA

 001400

 FFFFC6

 000000

 FFFFEE3

 868527

 868527

 86851A

 868534

 86850C

 868542

 868500

 86854F

 86865D

 86866A

 868677

 868685

 868692

 8686A0

# Harmonies

## Analogous

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



AC762C



868527



568F40

# Triad

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



868527



0094BB



C35E9B

# Complementary

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



868527



272886

# 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.



9D6EC0



868527



008CD3

# Square

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



868527



009694



567FD5



D05B6F

# Rectangle

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



868527



239359



567FD5



B962A8



# Sweetspot

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



868527



ADAD89



862729



575641



D6D6D6



575757



# Same Dimension

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



868527



ADAC1A



588627



42423C



828100



030300



# Inverse Universe

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



272886



1A1CAD



552786



3C3C42



000182



000003



# Previews

## White Background



This preview shows how the Hex color 868527 looks on a white background.

## Color Contrast Check

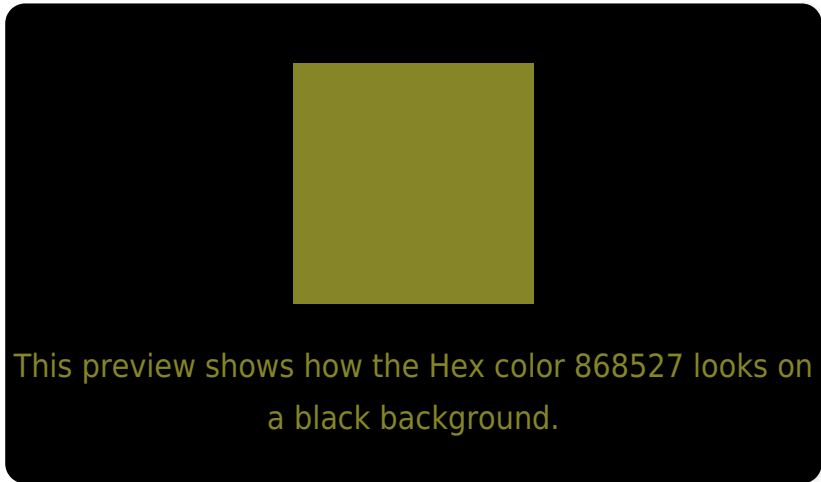
Large Text (above 18pt) WCAG AA ✓ Pass

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 868527 Background



This preview shows how black text looks on a background with the Hex color 868527.



This preview shows how white text looks on a background with the Hex color 868527.

# 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**  
868527

**Protanopia**  
918126

**Deuteranopia**  
A17B2B



**Tritanopia**  
8E7C86

# Trichromacy



**Original Color**  
868527

**Protanomaly**  
8D8226

**Deuteranomaly**  
977F2A

**Tritanomaly**  
8B7F63

# Monochromacy



**Original Color**  
868527

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
7F7F5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 868527 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 #868527 looks like.

```
.text, #text, p{  
    color:#868527  
}
```

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 #868527 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #868527
}
```

## Border

The CSS property to change the border of an element to Hex 868527 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
#868527 }
```

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

```
.border{ border-color:#868527 }
```

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

Here you see how a box with a 4 pixel #868527 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #868527; -webkit-box-shadow:4px 4px  
4px 4px #868527; box-shadow:4px 4px 4px  
4px #868527 }
```

# Background

The CSS property to change the background color of an element to Hex 868527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#868527 }
```

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

```
.background{ background-color:#868527 }
```

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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