

# Converting Colors

Hex(868C3D)

Have a look what the booklet for  
Hex(868C3D) contains.

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# Color

Hex(868C3D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	868C3D
RGB	134, 140, 61
RGB Percent	53%, 55%, 24%
CMY	0.4745, 0.4510, 0.7608
CMYK	0.04, 0.00, 0.56, 0.45
HSL	65°, 39%, 39%
HSV	65°, 56%, 55%
XYZ	20.0519, 24.1614, 8.0217
YIQ	129.2000, 21.7830, -25.8410

# Conversions

## Conversions Part 2

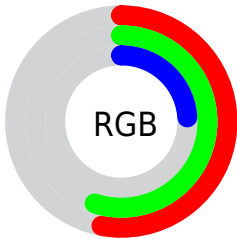
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 140, 67
Decimal	8817725
CIELab	56.25, -13.77, 40.72
CIELCh	56, 42.989, 108.677
Yxy	24.1614, 0.3839, 0.4626
Android (android.graphics.Color)	4287007805 (0xFF868C3D)
YUV	129.2000, -33.6226, 4.2096
Hunter-Lab	49.1543, -13.2030, 24.7323

# Details

The Hex color **868C3D** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **433D8C**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **BDC16F**, and **525A09** is the 20% darker color. If you saturate the color by 10%, you get **858C2F**, and if you desaturate by 10%, it is **878C4B**.

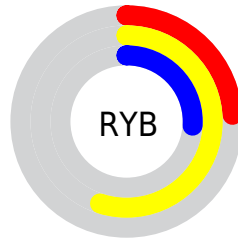
# Distribution



Red (53%)

Green (55%)

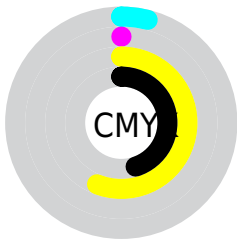
Blue (24%)



Red (24%)

Yellow (55%)

Blue (26%)

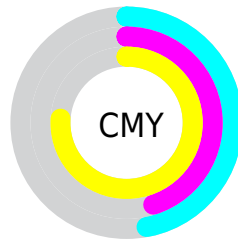


Cyan (4%)

Magenta (0%)

Yellow (56%)

Black (45%)



Cyan (47%)

Magenta (45%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 868C3D 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 868C3D by changing the saturation by 10% instead.



 868C3D

 868C3D

FFFFFF

 6C7324

 BDC16F

 525A09

 D9DD89

 3A4300

 F6FAA4

 212D00

 FFFFC0

 001900

 FFFFDC

 000000

 FFFFF9

 868C3D

 868C3D

 858C2F

 878C4B

848C21

888C59

838C13

898C67

828C05

8A8C75

818C00

8B8C83

8C8C91

8D8C9F

8F8CAD

908CBB

# Harmonies

## Analogous

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



A9803C



868C3D



5B9454

# Triad

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



868C3D



0097BE



C56997

# Complementary

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



868C3D



433D8C

# 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.



A774B9



868C3D



008FD0

# Square

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



868C3D



009A9E



7283CE



CD6871

# Rectangle

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



868C3D



33986A



7283CE



BD6CA3



# Sweetspot

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



868C3D



B3B596



8C423D



5A5C49



DBDBDB



5C5C5C



# Same Dimension

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



868C3D



ACB53A



5F8C3D



44453E



7B8500



050500



# Inverse Universe

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



433D8C



433AB5



6A3D8C



3E3E45



0A0085



000005



# Previews

## White Background



This preview shows how the Hex color 868C3D looks on a white background.

## Color Contrast Check

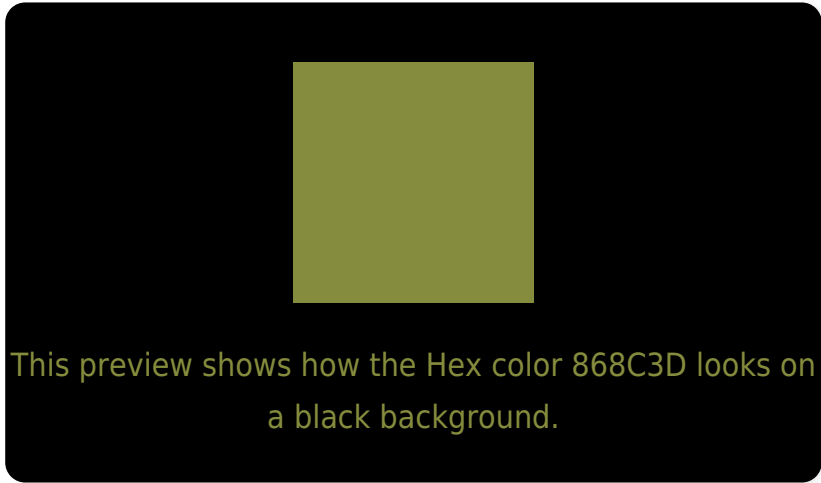
Large Text (above 18pt) WCAG AA ✓ Pass

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

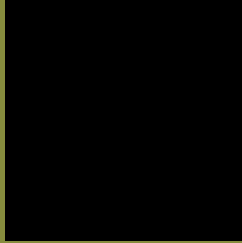
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 868C3D Background



This preview shows how black text looks on a background with the Hex color 868C3D.



This preview shows how white text looks on a background with the Hex color 868C3D.

# 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**  
868C3D

**Protanopia**  
96873B

**Deuteranopia**  
A68040



**Tritanopia**  
8E848E

# Trichromacy



**Original Color**  
868C3D

**Protanomaly**  
90893C

**Deuteranomaly**  
9A843F

**Tritanomaly**  
8B8771

# Monochromacy



**Original Color**  
868C3D

**Achromatopsia**  
818181

**Achromatomaly**  
838568

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 868C3D 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 #868C3D looks like.

```
.text, #text, p{  
    color:#868C3D  
}
```

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 #868C3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #868C3D
}
```

## Border

The CSS property to change the border of an element to Hex 868C3D 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
#868C3D }
```

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

```
.border{ border-color:#868C3D }
```

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

Here you see how a box with a 4 pixel #868C3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #868C3D; -webkit-box-shadow:4px 4px  
4px 4px #868C3D; box-shadow:4px 4px 4px  
4px #868C3D }
```

# Background

The CSS property to change the background color of an element to Hex 868C3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#868C3D }
```

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

```
.background{ background-color:#868C3D }
```

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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