

# Converting Colors

Hex(868455)

Have a look what the booklet for  
Hex(868455) contains.

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**Color**

**Hex(868455)**

# Conversions

## Conversions Part 1

Format	Color
Hex	868455
RGB	134, 132, 85
RGB Percent	53%, 52%, 33%
CMY	0.4745, 0.4824, 0.6667
CMYK	0.00, 0.01, 0.37, 0.47
HSL	58°, 22%, 43%
HSV	58°, 37%, 53%
XYZ	19.7225, 22.2267, 11.8450
YIQ	127.2400, 16.2790, -14.1930

# Conversions

## Conversions Part 2

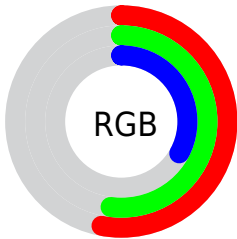
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 134, 85
Decimal	8815701
CIELab	54.27, -6.86, 25.67
CIELCh	54, 26.576, 104.961
Yxy	22.2267, 0.3666, 0.4132
Android (android.graphics.Color)	4287005781 (0xFF868455)
YUV	127.2400, -20.8243, 5.9285
Hunter-Lab	47.1452, -7.8315, 18.1053

# Details

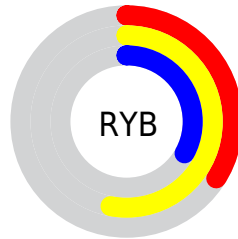
The Hex color **868455** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **555786**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **BCB987**, and **535327** is the 20% darker color. If you saturate the color by 10%, you get **868348**, and if you desaturate by 10%, it is **868562**.

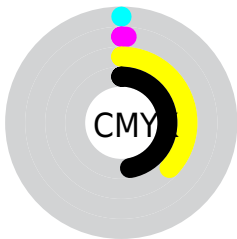
# Distribution



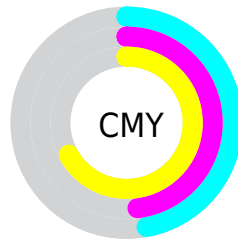
- Red (53%)
- Green (52%)
- Blue (33%)



- Red (34%)
- Yellow (53%)
- Blue (33%)



- Cyan (0%)
- Magenta (1%)
- Yellow (37%)
- Black (47%)



- Cyan (47%)
- Magenta (48%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 868455 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 868455 by changing the saturation by 10% instead.



 868455

 868455

FFFFFF

 6C6B3D

 BCB987

 535327

 D8D5A2

 3B3C11

 F5F1BD

 262600

 FFFFD9

 061200

 FFFFF5

 000000

 868455

 868455

 868348

 868562

 86833A

 868570

 86822D

 86867D

 86821F

 86868B

 868112

 868798

 868105

 8687A5

 868100

 8688B3

 8688C0

 8689CE

# Harmonies

## Analogous

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



9C7C56



868455



6C8A61

# Triad

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



868455



368CA1



A8728E

# Complementary

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



868455



555786

# 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.



9378A2



868455



5187AE

# Square

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



868455



398E8D



7480AE



AF7177

# Rectangle

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



868455



5A8D6E



7480AE



A27396



# Sweetspot

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



868455



ADAD9A



865557



57564B



D6D6D6



575757



# Same Dimension

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



868455



ADAA61



708655



42423C



827D00



030200



# Inverse Universe

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



555786



6164AD



6B5586



3C3C42



000582



000003



# Previews

## White Background



This preview shows how the Hex color 868455 looks on a white background.

## Color Contrast Check

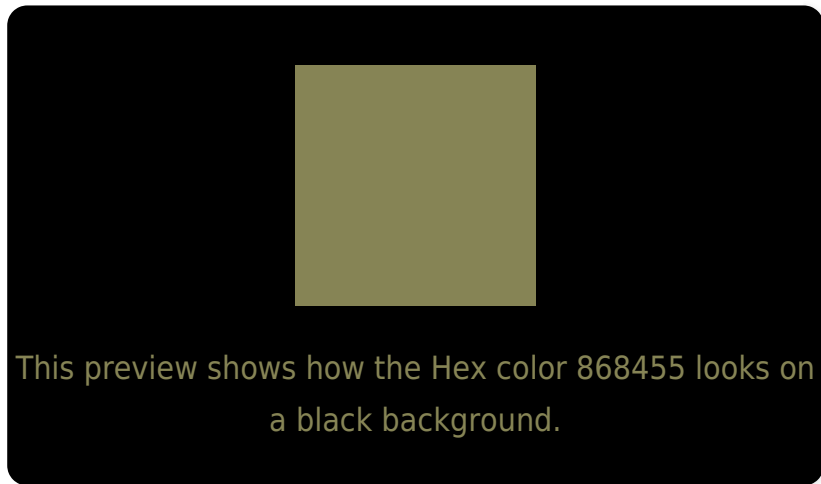
Large Text (above 18pt) WCAG AA ✓ Pass

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

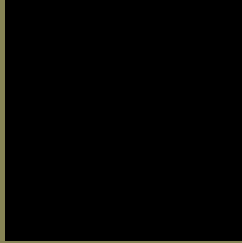
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 868455 Background



This preview shows how black text looks on a background with the Hex color 868455.



This preview shows how white text looks on a background with the Hex color 868455.

# 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**

868455

**Protanopia**

8D8254

**Deuteranopia**

9B7C57



**Tritanopia**  
8C7E88

# Trichromacy



**Original Color**  
868455

**Protanomaly**  
8A8354

**Deuteranomaly**  
937F56

**Tritanomaly**  
8A8075

# Monochromacy



**Original Color**  
868455

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
828170

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 868455 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 #868455 looks like.

```
.text, #text, p{  
    color:#868455  
}
```

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 #868455 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #868455
}
```

## Border

The CSS property to change the border of an element to Hex 868455 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
#868455 }
```

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

```
.border{ border-color:#868455 }
```

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

Here you see how a box with a 4 pixel #868455 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #868455; -webkit-box-shadow:4px 4px  
4px 4px #868455; box-shadow:4px 4px 4px  
4px #868455 }
```

# Background

The CSS property to change the background color of an element to Hex 868455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#868455 }
```

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

```
.background{ background-color:#868455 }
```

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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