

Converting Colors

Hex(867231)

Have a look what the booklet for
Hex(867231) contains.

Hex(867231)	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(867231)

Conversions

Conversions Part 1

Format	Color
Hex	867231
RGB	134, 114, 49
RGB Percent	53%, 45%, 19%
CMY	0.4745, 0.5529, 0.8078
CMYK	0.00, 0.15, 0.63, 0.47
HSL	46°, 46%, 36%
HSV	46°, 63%, 53%
XYZ	16.4032, 17.3247, 5.3852
YIQ	112.5700, 32.7850, -15.9750

Conversions

Conversions Part 2

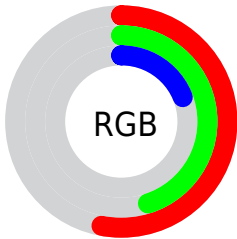
Format	Color
R_{YB}	75, 134, 49
Decimal	8811057
CIE Lab	48.67, -0.36, 38.08
CIE LCh	49, 38.082, 90.539
Yxy	17.3247, 0.4194, 0.4429
Android (android.graphics.Color)	4287001137 (0xFF867231)
YUV	112.5700, -31.3400, 18.7941
Hunter-Lab	41.6230, -2.4951, 21.4651

Details

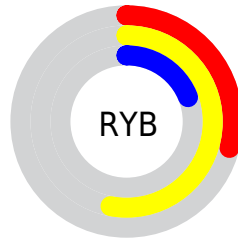
The Hex color **867231** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **314586**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **BDA662**, and **514200** is the 20% darker color. If you saturate the color by 10%, you get **866F24**, and if you desaturate by 10%, it is **86753E**.

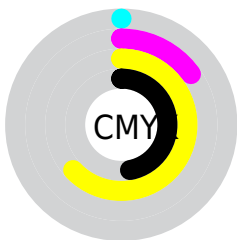
Distribution



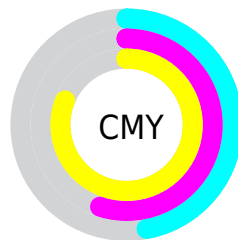
- Red (53%)
- Green (45%)
- Blue (19%)



- Red (29%)
- Yellow (53%)
- Blue (19%)



- Cyan (0%)
- Magenta (15%)
- Yellow (63%)
- Black (47%)



- Cyan (47%)
- Magenta (55%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 867231 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 867231 by changing the saturation by 10% instead.



867231



867231

FFFFFF



6B5A19



BDA662



514200



DAC17B



392C00



F7DD96



201800



FFF9B1



000000



FFF9CD



FFF9E9



867231



867231



866F24



86753E

■ 866C16

■ 86784C

■ 866909

■ 867B59

■ 866600

■ 867F67

■ 868274

■ 868581

■ 86888F

■ 868B9C

■ 868EAA

Harmonies

Analogous

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



A0663C



867231



657B3A

Triad

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



867231



008393



9C5F94

Complementary

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



867231



314586

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.



766BAB



867231



007FAB

Square

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



867231



008473



3A77B4



AE5874

Rectangle

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



867231



4B8049



3A77B4



91639D

Sweetspot

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



867231



ADA68C



863146



575243



D6D6D6



575757

Same Dimension

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



867231



AD8E2A



718631



42413C



826300



030200

Inverse Universe

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



314586



2A49AD



463186



3C3D42



001F82



000103

Previews

White Background



This preview shows how the Hex color 867231 looks on a white background.

Color Contrast Check

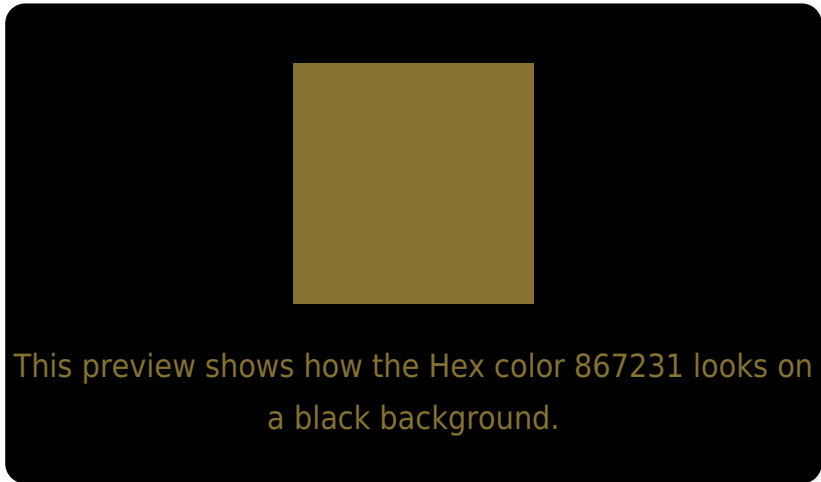
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 867231 Background



This preview shows how black text looks on a background with the Hex color 867231.



This preview shows how white text looks on a background with the Hex color 867231.

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
867231

Protanopia
817432

Deuteranopia
906E32



Tritanopia
8B6B73

Trichromacy



Original Color
867231

Protanomaly
837332

Deuteranomaly
8C6F32

Tritanomaly
896E5B

Monochromacy



Original Color
867231

Achromatopsia
717171

Achromatomaly
79715A

CSS Examples

Text

The CSS property to change the color of the text to Hex 867231 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 #867231 looks like.

```
.text, #text, p{  
    color:#867231  
}
```

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 #867231 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #867231
}
```

Border

The CSS property to change the border of an element to Hex 867231 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
#867231 }
```

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

```
.border{ border-color:#867231 }
```

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

Here you see how a box with a 4 pixel #867231 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #867231; -webkit-box-shadow:4px 4px  
4px 4px #867231; box-shadow:4px 4px 4px  
4px #867231 }
```

Background

The CSS property to change the background color of an element to Hex 867231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#867231 }
```

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

```
.background{ background-color:#867231 }
```

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