

Converting Colors

Hex(876939)

Have a look what the booklet for
Hex(876939) contains.

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Color

Hex(876939)

Conversions

Conversions Part 1

Format	Color
Hex	876939
RGB	135, 105, 57
RGB Percent	53%, 41%, 22%
CMY	0.4706, 0.5882, 0.7765
CMYK	0.00, 0.22, 0.58, 0.47
HSL	37°, 41%, 38%
HSV	37°, 58%, 53%
XYZ	15.7818, 15.5495, 6.0405
YIQ	108.4980, 33.2880, -8.5680

Conversions

Conversions Part 2

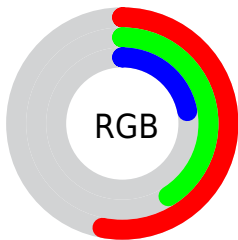
Format	Color
R_{YB}	106, 135, 57
Decimal	8874297
CIE Lab	46.38, 5.95, 31.27
CIE LCh	46, 31.830, 79.233
Yxy	15.5495, 0.4223, 0.4161
Android (android.graphics.Color)	4287064377 (0xFF876939)
YUV	108.4980, -25.3885, 23.2423
Hunter-Lab	39.4328, 2.4318, 18.5207

Details

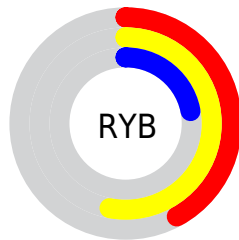
The Hex color **876939** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **395787**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **BE9C69**, and **523A0B** is the 20% darker color. If you saturate the color by 10%, you get **87642B**, and if you desaturate by 10%, it is **876E46**.

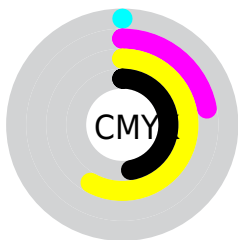
Distribution



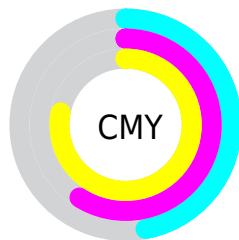
- Red (53%)
- Green (41%)
- Blue (22%)



- Red (42%)
- Yellow (53%)
- Blue (22%)



- Cyan (0%)
- Magenta (22%)
- Yellow (58%)
- Black (47%)



- Cyan (47%)
- Magenta (59%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 876939 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 876939 by changing the saturation by 10% instead.



876939



876939

FFFFFF



6C5122



BE9C69



523A0B



DBB783



3A2500



F8D29D



211000



FFEFB8



000000



FFFFD4



FFFFF1



876939



876939



87642B



876E46

■ 875F1E

■ 877354

■ 875910

■ 877961

■ 875403

■ 877E6F

■ 875300

■ 87837D

■ 87888A

■ 878D98

■ 8793A5

■ 8798B3

Harmonies

Analogous

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



996047



876939



6E723A

Triad

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



876939



007C7F



866191

Complementary

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



876939



395787

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.



626BA0



876939



007996

Square

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



876939



277B63



2E73A2



9B5979

Rectangle

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



876939



5A7643



2E73A2



7B6497

Sweetspot

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



876939



B0A492



873958



595247



D9D9D9



595959

Same Dimension

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



876939



B08137



7F8739



42403C



825000



030200

Inverse Universe

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



395787



3765B0



413987



3C3E42



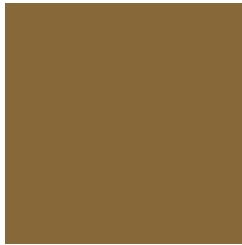
003282



000103

Previews

White Background



This preview shows how the Hex color 876939 looks on a white background.

Color Contrast Check

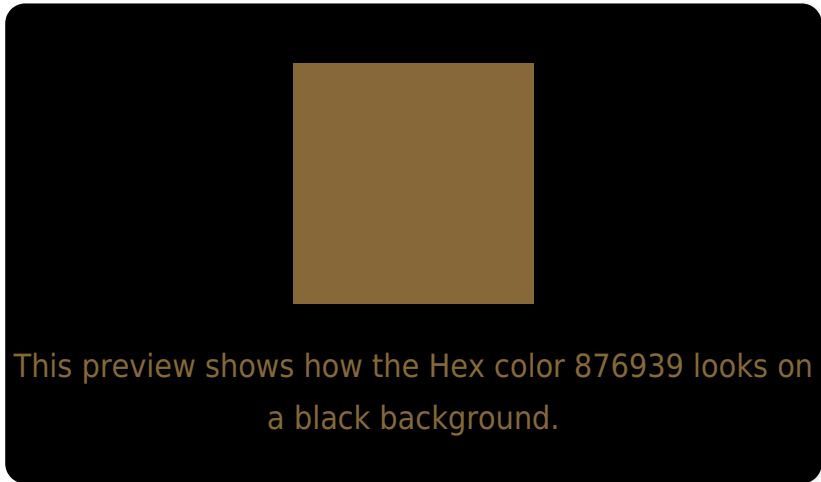
Large Text (above 18pt) WCAG AA ✓ Pass

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

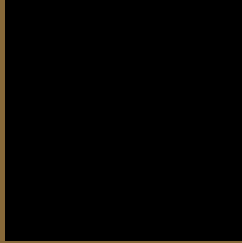
Any Text WCAG AA × Fail

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 876939 Background



This preview shows how black text looks on a background with the Hex color 876939.



This preview shows how white text looks on a background with the Hex color 876939.

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
876939

Protanopia
796E3B

Deuteranopia
876939



Tritanopia
8B636B

Trichromacy



Original Color
876939

Protanomaly
7E6C3A

Deuteranomaly
876939

Tritanomaly
8A6559

Monochromacy



Original Color
876939

Achromatopsia
6C6C6C

Achromatomaly
766B59

CSS Examples

Text

The CSS property to change the color of the text to Hex 876939 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 #876939 looks like.

```
.text, #text, p{  
    color:#876939  
}
```

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 #876939 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #876939
}
```

Border

The CSS property to change the border of an element to Hex 876939 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
#876939 }
```

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

```
.border{ border-color:#876939 }
```

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

Here you see how a box with a 4 pixel #876939 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #876939; -webkit-box-shadow:4px 4px  
4px 4px #876939; box-shadow:4px 4px 4px  
4px #876939 }
```

Background

The CSS property to change the background color of an element to Hex 876939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#876939 }
```

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

```
.background{ background-color:#876939 }
```

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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