

Converting Colors

Hex(86937B)

Have a look what the booklet for
Hex(86937B) contains.

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Color

Hex(86937B)

Conversions

Conversions Part 1

Format	Color
Hex	86937B
RGB	134, 147, 123
RGB Percent	53%, 58%, 48%
CMY	0.4745, 0.4235, 0.5176
CMYK	0.09, 0.00, 0.16, 0.42
HSL	92°, 10%, 53%
HSV	92°, 16%, 58%
XYZ	23.8404, 27.3658, 22.7645
YIQ	140.3770, -0.0440, -10.2200

Conversions

Conversions Part 2

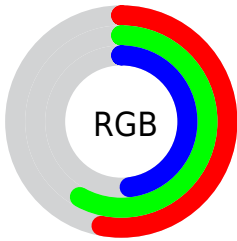
Format	Color
RYB	123, 147, 136
Decimal	8819579
CIELab	59.31, -9.29, 11.14
CIELCh	59, 14.509, 129.818
Yxy	27.3658, 0.3223, 0.3700
Android (android.graphics.Color)	4287009659 (0xFF86937B)
YUV	140.3770, -8.5669, -5.5926
Hunter-Lab	52.3124, -10.1986, 10.8177

Details

The Hex color **86937B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **887B93**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **BBC9AF**, and **54604A** is the 20% darker color. If you saturate the color by 10%, you get **7E936C**, and if you desaturate by 10%, it is **8E938A**.

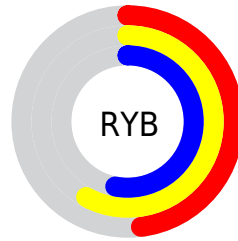
Distribution



Red (53%)

Green (58%)

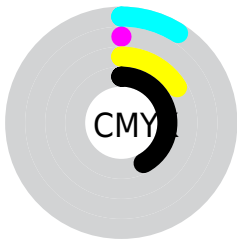
Blue (48%)



Red (48%)

Yellow (58%)

Blue (53%)

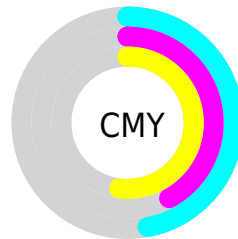


Cyan (9%)

Magenta (0%)

Yellow (16%)

Black (42%)



Cyan (47%)

Magenta (42%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86937B 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 86937B by changing the saturation by 10% instead.



86937B



86937B

FFFFFF



6D7962



BBC9AF



54604A



D7E5CB



3D4934



F4FFE7



27321E



131D06



000000



86937B



86937B



7E936C



8E938A



76935E



969398

■ 6E934F

■ 9E93A7

■ 669340

■ A693B6

■ 5E9332

■ AE93C4

■ 569323

■ B693D3

■ 4E9314

■ BE93E2

■ 469305

■ C693F1

■ 439300

■ CE93FF

Harmonies

Analogous

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



958F76



86937B



789586

Triad

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



86937B



7792A6



A9868B

Complementary

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



86937B



887B93

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.



A38798



86937B



868EA8

Square

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



86937B



6E959F



968AA2



A8887F

Rectangle

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



86937B



71968E



968AA2



A8868F

Sweetspot

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



86937B



BABFB6



93887B



5E615B



E0E0E0



616161

Same Dimension

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



86937B



ABBF99



7B937C



464A43



3F8A00



050A00

Inverse Universe

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



887B93



AE99BF



937B92



47434A



4B008A



06000A

Previews

White Background



This preview shows how the Hex color 86937B looks on a white background.

Color Contrast Check

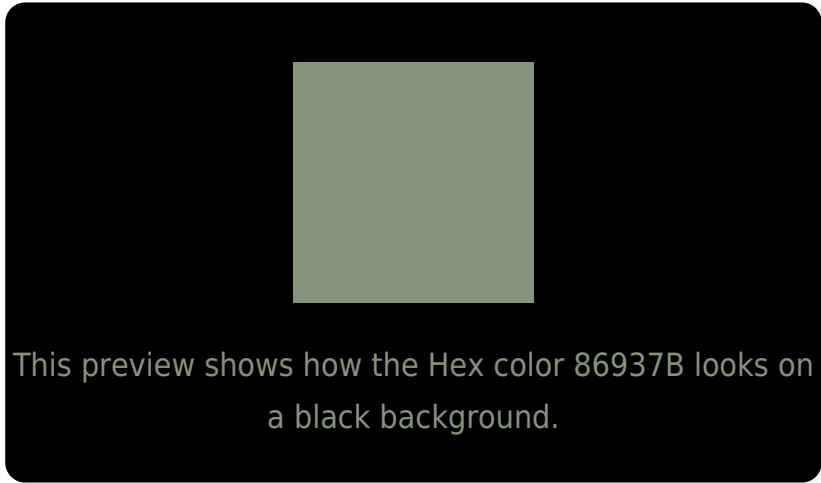
Large Text (above 18pt) WCAG AA ✓ Pass

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

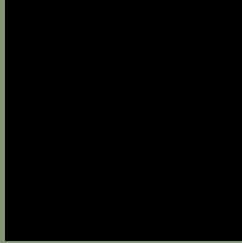
Any Text WCAG AA ✓ Pass

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 86937B Background



This preview shows how black text looks on a background with the Hex color 86937B.

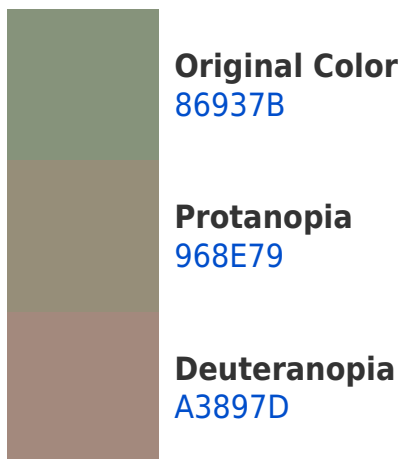


This preview shows how white text looks on a background with the Hex color 86937B.

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





Tritanopia
8B8F9A

Trichromacy



Original Color
86937B

Protanomaly
90907A

Deuteranomaly
988D7C

Tritanomaly
89908F

Monochromacy



Original Color
86937B

Achromatopsia
8C8C8C

Achromatomaly
8A8F86

CSS Examples

Text

The CSS property to change the color of the text to Hex 86937B 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 #86937B looks like.

```
.text, #text, p{  
    color:#86937B  
}
```

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 #86937B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86937B
}
```

Border

The CSS property to change the border of an element to Hex 86937B 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
#86937B }
```

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

```
.border{ border-color:#86937B }
```

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

Here you see how a box with a 4 pixel #86937B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86937B; -webkit-box-shadow:4px 4px  
4px 4px #86937B; box-shadow:4px 4px 4px  
4px #86937B }
```

Background

The CSS property to change the background color of an element to Hex 86937B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86937B }
```

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

```
.background{ background-color:#86937B }
```

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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