

Converting Colors

Hex(887937)

Have a look what the booklet for
Hex(887937) contains.

Hex(887937)	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(887937)

Conversions

Conversions Part 1

Format	Color
Hex	887937
RGB	136, 121, 55
RGB Percent	53%, 47%, 22%
CMY	0.4667, 0.5255, 0.7843
CMYK	0.00, 0.11, 0.60, 0.47
HSL	49°, 42%, 37%
HSV	49°, 60%, 53%
XYZ	17.6803, 19.1848, 6.3856
YIQ	117.9610, 30.1260, -17.3460

Conversions

Conversions Part 2

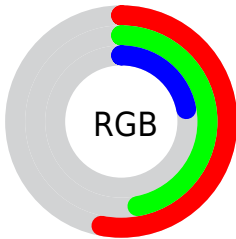
Format	Color
R_{YB}	73, 136, 55
Decimal	8943927
CIE Lab	50.90, -2.95, 37.65
CIE LCh	51, 37.761, 94.484
Yxy	19.1848, 0.4088, 0.4436
Android (android.graphics.Color)	4287134007 (0xFF887937)
YUV	117.9610, -31.0398, 15.8202
Hunter-Lab	43.8005, -4.5983, 22.0165

Details

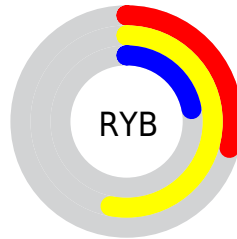
The Hex color **887937** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **374688**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **BFAD68**, and **544905** is the 20% darker color. If you saturate the color by 10%, you get **887629**, and if you desaturate by 10%, it is **887C45**.

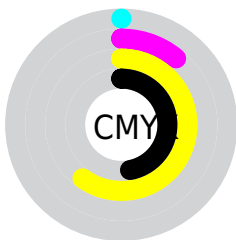
Distribution



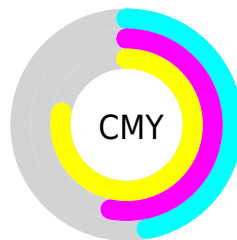
- Red (53%)
- Green (47%)
- Blue (22%)



- Red (29%)
- Yellow (53%)
- Blue (22%)



- Cyan (0%)
- Magenta (11%)
- Yellow (60%)
- Black (47%)



- Cyan (47%)
- Magenta (53%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 887937 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 887937 by changing the saturation by 10% instead.



887937



887937

FFFFFF



6D601F



BFAD68



544905



DCC882



3B3200



F9E49D



221E00



FFFFB8



000500



FFFFD4



000000



FFFFF0



887937



887937



887629



887C45

■ 88741C

■ 887E52

■ 88710E

■ 888160

■ 886F01

■ 88836D

■ 886F00

■ 88867B

■ 888889

■ 888B96

■ 888DA4

■ 8890B1

Harmonies

Analogous

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



A36E3F



887937



668242

Triad

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



887937



00899D



A56396

Complementary

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



887937



374688

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.



826FAE



887937



0084B3

Square

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



887937



008A7D



4B7BB9



B55E76

Rectangle

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



887937



4B8652



4B7BB9



9C679F

Sweetspot

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



887937



B0AA90



883747



595646



D9D9D9



595959

Same Dimension

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



887937



B09933



708837



45443E



856C00



050400

Inverse Universe

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



374688



334AB0



4F3788



3E3F45



001985



000105

Previews

White Background



This preview shows how the Hex color 887937 looks on a white background.

Color Contrast Check

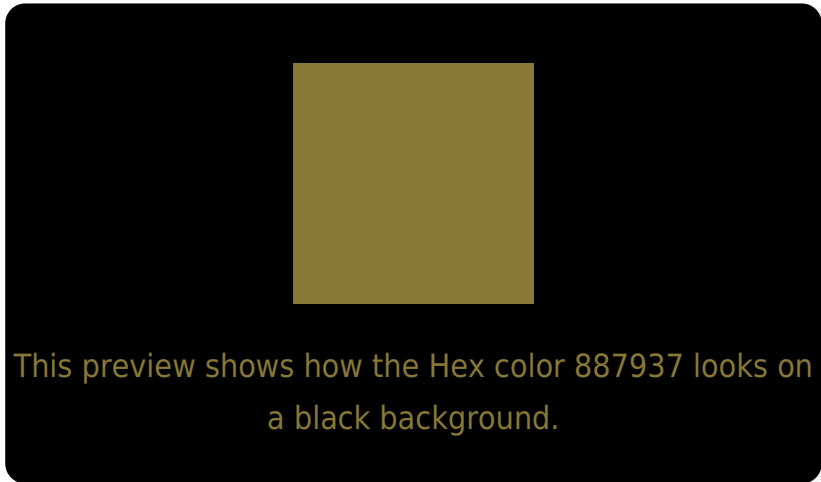
Large Text (above 18pt) WCAG AA ✓ Pass

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

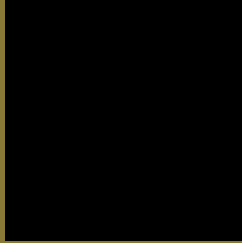
Any Text WCAG AA ✓ Pass

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 887937 Background



This preview shows how black text looks on a background with the Hex color 887937.



This preview shows how white text looks on a background with the Hex color 887937.

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
887937

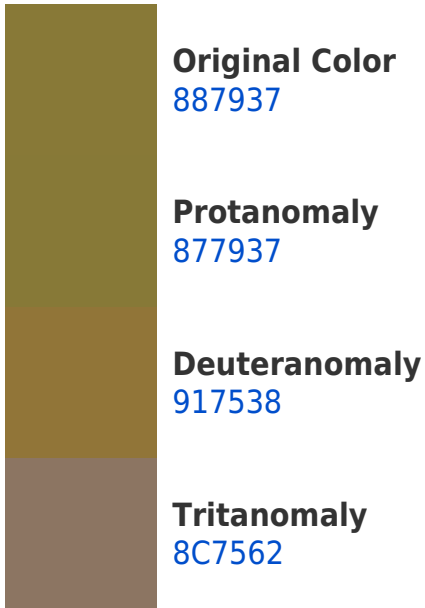
Protanopia
877937

Deuteranopia
967338

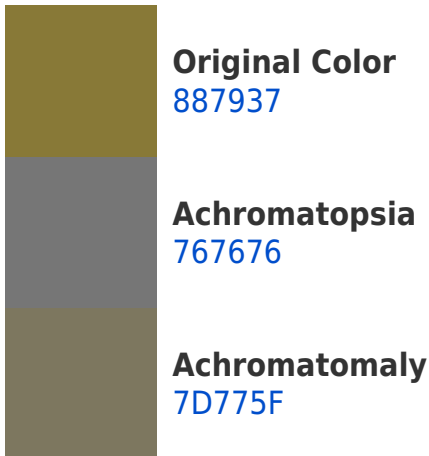


Tritanopia
8E727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 887937 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 #887937 looks like.

```
.text, #text, p{  
    color:#887937  
}
```

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 #887937 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #887937
}
```

Border

The CSS property to change the border of an element to Hex 887937 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
#887937 }
```

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

```
.border{ border-color:#887937 }
```

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

Here you see how a box with a 4 pixel #887937 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #887937; -webkit-box-shadow:4px 4px  
4px 4px #887937; box-shadow:4px 4px 4px  
4px #887937 }
```

Background

The CSS property to change the background color of an element to Hex 887937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#887937 }
```

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

```
.background{ background-color:#887937 }
```

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