

# Converting Colors

Hex(88863A)

Have a look what the booklet for  
Hex(88863A) contains.

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**Color**

**Hex(88863A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	88863A
RGB	136, 134, 58
RGB Percent	53%, 53%, 23%
CMY	0.4667, 0.4745, 0.7725
CMYK	0.00, 0.01, 0.57, 0.47
HSL	58°, 40%, 38%
HSV	58°, 57%, 53%
XYZ	19.4422, 22.5899, 7.3386
YIQ	125.9340, 25.5880, -23.2120

# Conversions

## Conversions Part 2

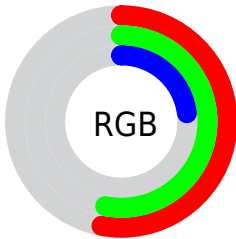
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 136, 58
Decimal	8947258
CIELab	54.65, -9.91, 40.41
CIELCh	55, 41.612, 103.779
Yxy	22.5899, 0.3938, 0.4576
Android (android.graphics.Color)	4287137338 (0xFF88863A)
YUV	125.9340, -33.4915, 8.8279
Hunter-Lab	47.5289, -10.1583, 24.1157

# Details

The Hex color **88863A** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3A3C88**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **BFBB6C**, and **545506** is the 20% darker color. If you saturate the color by 10%, you get **88862C**, and if you desaturate by 10%, it is **888648**.

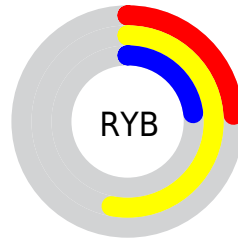
# Distribution



Red (53%)

Green (53%)

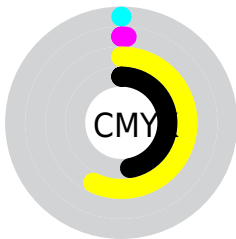
Blue (23%)



Red (24%)

Yellow (53%)

Blue (23%)

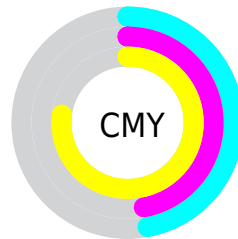


Cyan (0%)

Magenta (1%)

Yellow (57%)

Black (47%)



Cyan (47%)

Magenta (47%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88863A 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 88863A by changing the saturation by 10% instead.



 88863A

 88863A

FFFFFF

 6D6D21

 BFBB6C

 545506

 DCD786

 3B3E00

 F9F3A1

 232800

 FFFFBC

 001500

 FFFFD8

 000000

 FFFFF5

 88863A

 88863A

 88862C

 888648

■ 88851F

■ 888755

■ 888511

■ 888763

■ 888504

■ 888770

■ 888500

■ 88887E

■ 88888C

■ 888899

■ 8889A7

■ 8889B4

# Harmonies

## Analogous

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



A87A3D



88863A



608F4D

# Triad

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



88863A



0093B4



BB6798

# Complementary

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



88863A



3A3C88

# 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.



9B73B7



88863A



008CC7

# Square

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



88863A



009593



6581C9



C76573

# Rectangle

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



88863A



3E9262



6581C9



B36AA3



# Sweetspot

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



88863A



B0AF92



883A3D



595947



D9D9D9



595959



# Same Dimension

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



88863A



B0AD37



64883A



45453E



858100



050500



# Inverse Universe

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



3A3C88



373AB0



5E3A88



3E3E45



000385



000005



# Previews

## White Background



This preview shows how the Hex color 88863A looks on a white background.

## Color Contrast Check

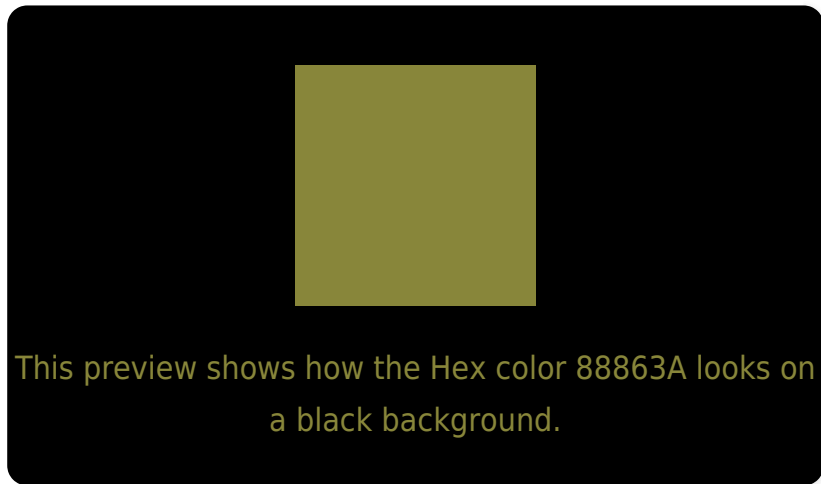
Large Text (above 18pt) WCAG AA ✓ Pass

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

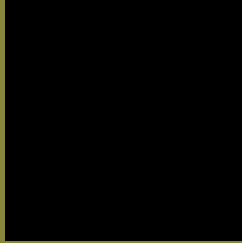
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 88863A Background



This preview shows how black text looks on a background with the Hex color 88863A.



This preview shows how white text looks on a background with the Hex color 88863A.

# 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**  
88863A

**Protanopia**  
918339

**Deuteranopia**  
A27C3D



**Tritanopia**  
907E88

# Trichromacy



**Original Color**  
88863A

**Protanomaly**  
8E8439

**Deuteranomaly**  
99803C

**Tritanomaly**  
8D816C

# Monochromacy



**Original Color**  
88863A

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
828165

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88863A 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 #88863A looks like.

```
.text, #text, p{  
    color:#88863A  
}
```

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 #88863A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88863A
}
```

## Border

The CSS property to change the border of an element to Hex 88863A 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
#88863A }
```

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

```
.border{ border-color:#88863A }
```

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

Here you see how a box with a 4 pixel #88863A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88863A; -webkit-box-shadow:4px 4px  
4px 4px #88863A; box-shadow:4px 4px 4px  
4px #88863A }
```

# Background

The CSS property to change the background color of an element to Hex 88863A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88863A }
```

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

```
.background{ background-color:#88863A }
```

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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