

# Converting Colors

Hex(889765)

Have a look what the booklet for  
Hex(889765) contains.

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**Color**

**Hex(889765)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	889765
RGB	136, 151, 101
RGB Percent	53%, 59%, 40%
CMY	0.4667, 0.4078, 0.6039
CMYK	0.10, 0.00, 0.33, 0.41
HSL	78°, 20%, 49%
HSV	78°, 33%, 59%
XYZ	23.5689, 28.3070, 16.5335
YIQ	140.8150, 7.1100, -18.7300

# Conversions

## Conversions Part 2

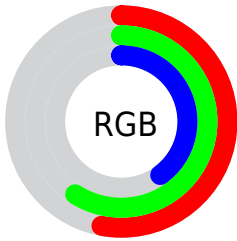
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 151, 116
Decimal	8951653
CIELab	60.17, -14.17, 24.62
CIELCh	60, 28.407, 119.927
Yxy	28.3070, 0.3445, 0.4138
Android (android.graphics.Color)	4287141733 (0xFF889765)
YUV	140.8150, -19.6288, -4.2228
Hunter-Lab	53.2044, -14.0342, 18.8184

# Details

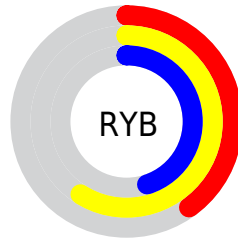
The Hex color **889765** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **746597**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **BECD98**, and **556435** is the 20% darker color. If you saturate the color by 10%, you get **839756**, and if you desaturate by 10%, it is **8D9774**.

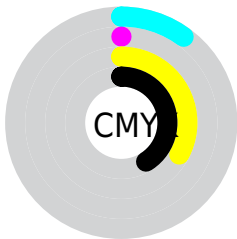
# Distribution



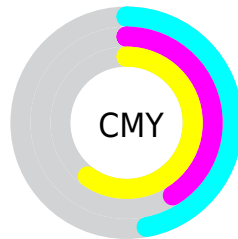
- Red (53%)
- Green (59%)
- Blue (40%)



- Red (40%)
- Yellow (59%)
- Blue (45%)



- Cyan (10%)
- Magenta (0%)
- Yellow (33%)
- Black (41%)



- Cyan (47%)
- Magenta (41%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 889765 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 889765 by changing the saturation by 10% instead.



 889765

 889765

FFFFFF

 6E7D4D

 BECD98

 556435

 DAE9B3

 3D4C1F

 F7FFCF

 273508

 FFFFEB

 112000

 000100

 000000

 889765

 889765

 839756

 8D9774

 7F9747


 919783

 7A9738

 969792

 769729

 9A97A1

 71971A

 9F97B1

 6D970A

 A397C0

 6A9700

 A897CF

 AC97DE

 B197ED

# Harmonies

## Analogous

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



A28F5F



889765



6B9C77

# Triad

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



889765



4B9ABC



C07E92

# Complementary

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



889765



746597

# 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.



B182AA



889765



6F93C3

# Square

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



889765



3D9EA9



948BBC



C28079

# Rectangle

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



889765



579E87



948BBC



BD7F9B



# Sweetspot

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



889765



BEC4B1



977465



606358



E3E3E3



636363



# Same Dimension

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



889765



ADC476



6F9765



4A4D45



628C00



090D00



# Inverse Universe

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



746597



8D76C4



8D6597



47454D



2A008C



04000D



# Previews

## White Background



This preview shows how the Hex color 889765 looks on a white background.

## Color Contrast Check

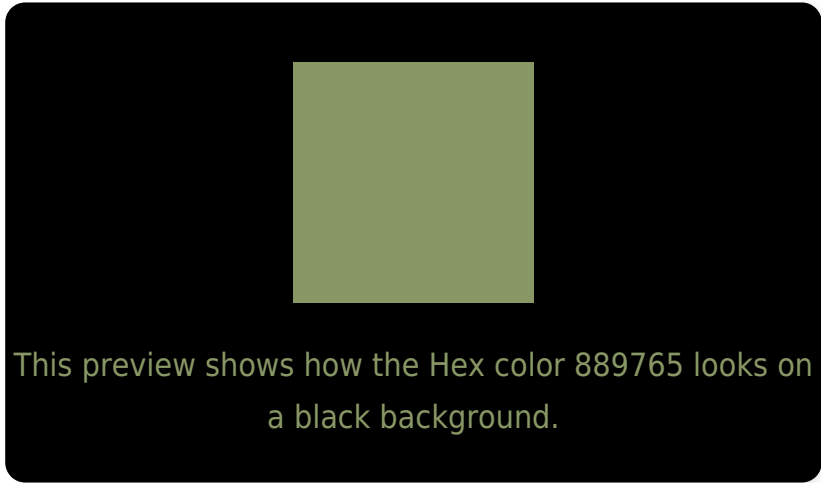
Large Text (above 18pt) WCAG AA ✓ Pass

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

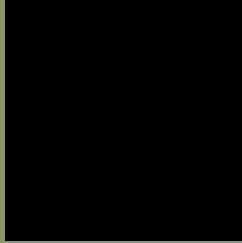
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

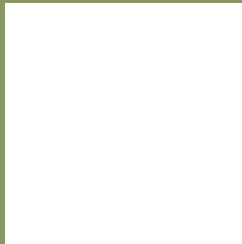
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 889765 Background



This preview shows how black text looks on a background with the Hex color 889765.

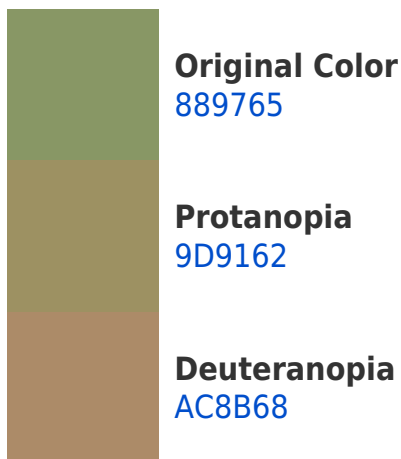


This preview shows how white text looks on a background with the Hex color 889765.

# 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



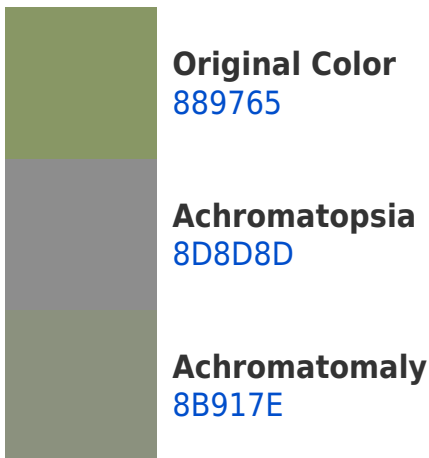


**Tritanopia**  
8F909C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 889765 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 #889765 looks like.

```
.text, #text, p{  
    color:#889765  
}
```

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 #889765 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #889765
}
```

## Border

The CSS property to change the border of an element to Hex 889765 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
#889765 }
```

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

```
.border{ border-color:#889765 }
```

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

Here you see how a box with a 4 pixel #889765 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #889765; -webkit-box-shadow:4px 4px  
4px 4px #889765; box-shadow:4px 4px 4px  
4px #889765 }
```

# Background

The CSS property to change the background color of an element to Hex 889765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#889765 }
```

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

```
.background{ background-color:#889765 }
```

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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