

# Converting Colors

Hex(857701)

Have a look what the booklet for  
Hex(857701) contains.

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**Color**

**Hex(857701)**

# Conversions

## Conversions Part 1

Format	Color
Hex	857701
RGB	133, 119, 1
RGB Percent	52%, 47%, 0%
CMY	0.4784, 0.5333, 0.9961
CMYK	0.00, 0.11, 0.99, 0.48
HSL	54°, 99%, 26%
HSV	54°, 99%, 52%
XYZ	16.2752, 18.1824, 2.6805
YIQ	109.7340, 46.2220, -33.7300

# Conversions

## Conversions Part 2

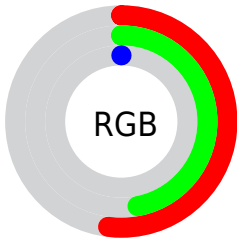
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	17, 133, 1
Decimal	8746753
CIE Lab	49.72, -5.61, 55.12
CIE LCh	50, 55.408, 95.811
Yxy	18.1824, 0.4382, 0.4896
Android (android.graphics.Color)	4286936833 (0xFF857701)
YUV	109.7340, -53.6059, 20.4043
Hunter-Lab	42.6408, -6.4914, 26.1215

# Details

The Hex color **857701** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **010F85**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **BEAB41**, and **4F4700** is the 20% darker color. If you saturate the color by 10%, you get **857700**, and if you desaturate by 10%, it is **85780E**.

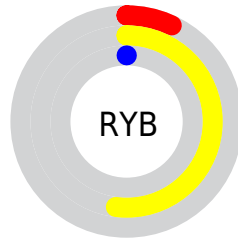
# Distribution



Red (52%)

Green (47%)

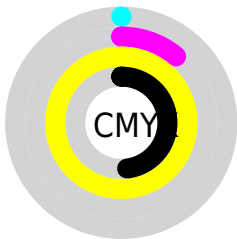
Blue (0%)



Red (7%)

Yellow (52%)

Blue (0%)

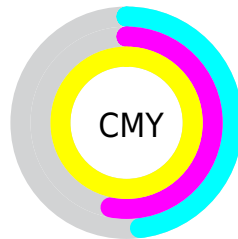


Cyan (0%)

Magenta (11%)

Yellow (99%)

Black (48%)



Cyan (48%)

Magenta (53%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 857701 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 857701 by changing the saturation by 10% instead.



 857701

 857701

FFFFFF

 6A5F00

 BEAB41

 4F4700

 DBC65B

 353100

 F9E276

 1D1C00

 FFFE91

 000000

 FFFFAC

 FFFFC8

 FFFF E5

 857701

 857701

■ 857700

■ 85780E

■ 857A1C

■ 857B29

■ 857D36

■ 857E44

■ 857F51

■ 85815E

■ 85826B

■ 858479

# Harmonies

## Analogous

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



AB651A



857701



548321

# Triad

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



857701



008BAC



B6519E

# Complementary

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



857701



010F85

# 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.



8366C3



857701



0085CC

# Square

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



857701



008C7E



0079D4



CA476F

# Rectangle

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



857701



1E883E



0079D4



A957AC



# Sweetspot

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



857701



ADA879



850110



575337



D6D6D6



575757



# Same Dimension

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



857701



AD9B00



528501



42423C



827400



030200



# Inverse Universe

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



010F85



0012AD



340185



3C3C42



000E82



000003



# Previews

## White Background



This preview shows how the Hex color 857701 looks on a white background.

## Color Contrast Check

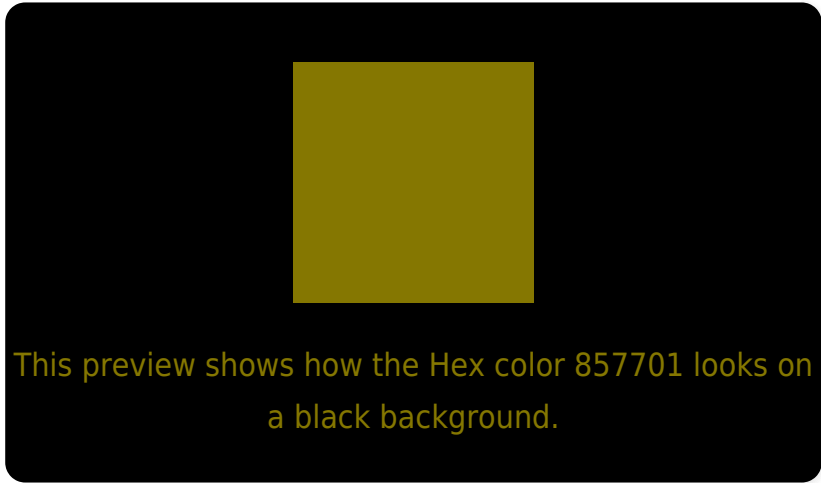
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 857701 Background



This preview shows how black text looks on a background with the Hex color 857701.



This preview shows how white text looks on a background with the Hex color 857701.

# 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**  
857701

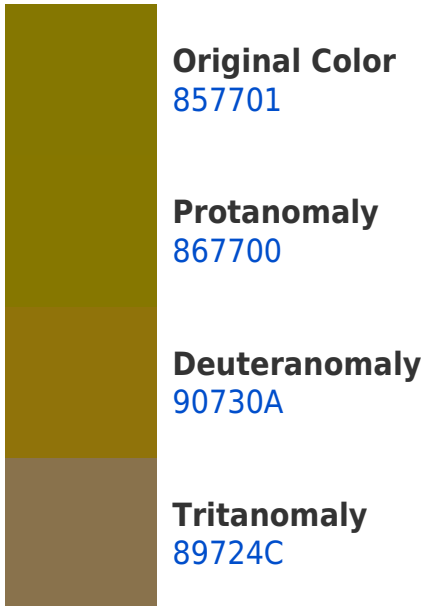
**Protanopia**  
867700

**Deuteranopia**  
96700F



**Tritanopia**  
8C6F77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 857701 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 #857701 looks like.

```
.text, #text, p{  
    color:#857701  
}
```

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 #857701 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #857701
}
```

## Border

The CSS property to change the border of an element to Hex 857701 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
#857701 }
```

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

```
.border{ border-color:#857701 }
```

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

Here you see how a box with a 4 pixel #857701 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #857701; -webkit-box-shadow:4px 4px  
4px 4px #857701; box-shadow:4px 4px 4px  
4px #857701 }
```

# Background

The CSS property to change the background color of an element to Hex 857701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#857701 }
```

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

```
.background{ background-color:#857701 }
```

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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