

# Converting Colors

Hex(857040)

Have a look what the booklet for  
Hex(857040) contains.

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**Color**

**Hex(857040)**

# Conversions

## Conversions Part 1

Format	Color
Hex	857040
RGB	133, 112, 64
RGB Percent	52%, 44%, 25%
CMY	0.4784, 0.5608, 0.7490
CMYK	0.00, 0.16, 0.52, 0.48
HSL	42°, 35%, 39%
HSV	42°, 52%, 52%
XYZ	16.3925, 16.9451, 7.2572
YIQ	112.8070, 27.9240, -10.4760

# Conversions

## Conversions Part 2

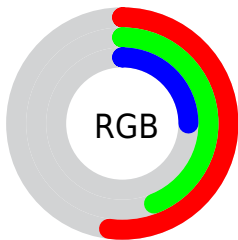
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 133, 64
Decimal	8745024
CIELab	48.19, 1.63, 29.58
CIELCh	48, 29.629, 86.842
Yxy	16.9451, 0.4038, 0.4174
Android (android.graphics.Color)	4286935104 (0xFF857040)
YUV	112.8070, -24.0619, 17.7093
Hunter-Lab	41.1644, -0.9555, 18.3623

# Details

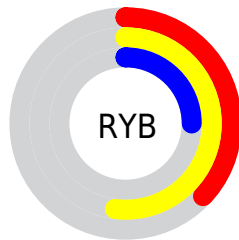
The Hex color **857040** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **405585**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **BCA471**, and **514013** is the 20% darker color. If you saturate the color by 10%, you get **856C33**, and if you desaturate by 10%, it is **85744D**.

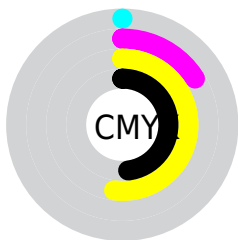
# Distribution



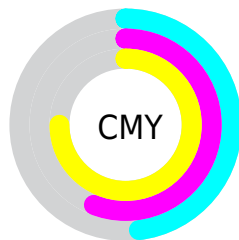
- Red (52%)
- Green (44%)
- Blue (25%)



- Red (37%)
- Yellow (52%)
- Blue (25%)



- Cyan (0%)
- Magenta (16%)
- Yellow (52%)
- Black (48%)



- Cyan (48%)
- Magenta (56%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 857040 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 857040 by changing the saturation by 10% instead.





857040



857040

FFFFFF



6B5829



BCA471



514013



D8BF8B



392B00



F5DAA5



211600



FFF7C0



000000



FFFFDC



FFFFF9



857040



857040



856C33



85744D

■ 856825

■ 85785B

■ 856418

■ 857C68

■ 85600B

■ 858075

■ 855D00

■ 858483

■ 858890

■ 858C9D

■ 8590AA

■ 8594B8

# Harmonies

## Analogous

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



986749



857040



6C7845

# Triad

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



857040



007F88



8F648E

# Complementary

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



857040



405585

# 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.



716D9F



857040



127C9C

# Square

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



857040



2A7F6F



4876A4



A05F76

# Rectangle

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



857040



587B4F



4876A4



876795



# Sweetspot

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



857040



ADA592



854056



575246



D6D6D6



575757



# Same Dimension

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



857040



AD8D42



788540



42403C



825A00



030200



# Inverse Universe

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



405585



4263AD



4D4085



3C3E42



002882



000103



# Previews

## White Background



This preview shows how the Hex color 857040 looks on a white background.

## Color Contrast Check

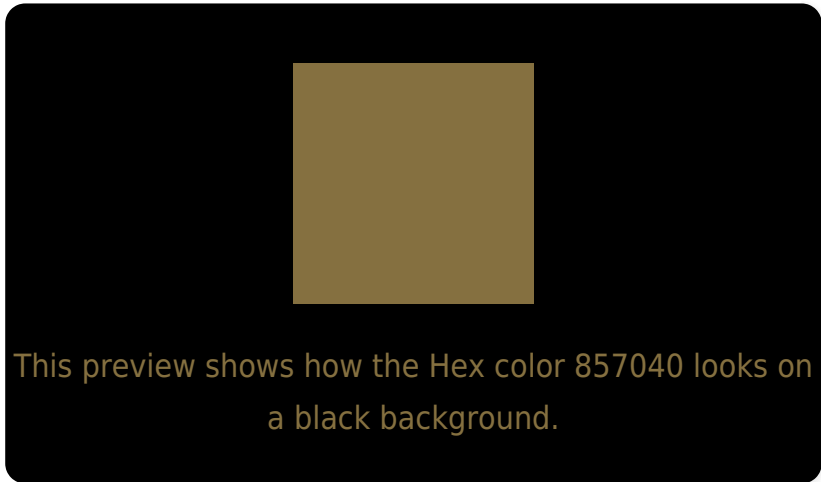
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

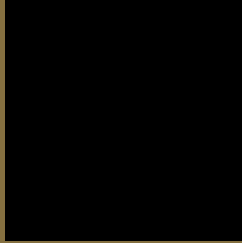
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 857040 Background



This preview shows how black text looks on a background with the Hex color 857040.

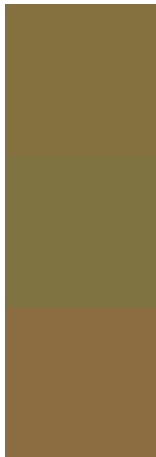


This preview shows how white text looks on a background with the Hex color 857040.

# 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**  
857040

**Protanopia**  
7E7341

**Deuteranopia**  
8C6D41



**Tritanopia**  
8A6A72

# Trichromacy



**Original Color**  
857040

**Protanomaly**  
817241

**Deuteranomaly**  
896E41

**Tritanomaly**  
886C60

# Monochromacy



**Original Color**  
857040

**Achromatopsia**  
717171

**Achromatomaly**  
78715F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 857040 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 #857040 looks like.

```
.text, #text, p{  
    color:#857040  
}
```

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 #857040 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #857040
}
```

## Border

The CSS property to change the border of an element to Hex 857040 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
#857040 }
```

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

```
.border{ border-color:#857040 }
```

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

Here you see how a box with a 4 pixel #857040 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #857040; -webkit-box-shadow:4px 4px  
4px 4px #857040; box-shadow:4px 4px 4px  
4px #857040 }
```

# Background

The CSS property to change the background color of an element to Hex 857040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#857040 }
```

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

```
.background{ background-color:#857040 }
```

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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