

# Converting Colors

Hex(857642)

Have a look what the booklet for  
Hex(857642) contains.

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# Color

Hex(857642)

# Conversions

## Conversions Part 1

Format	Color
Hex	857642
RGB	133, 118, 66
RGB Percent	52%, 46%, 26%
CMY	0.4784, 0.5373, 0.7412
CMYK	0.00, 0.11, 0.50, 0.48
HSL	47°, 34%, 39%
HSV	47°, 50%, 52%
XYZ	17.1347, 18.3368, 7.7905
YIQ	116.5570, 25.6320, -12.9920

# Conversions

## Conversions Part 2

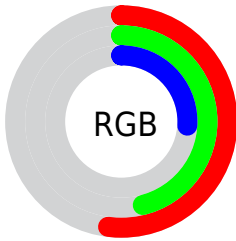
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 133, 66
Decimal	8746562
CIELab	49.90, -1.61, 30.59
CIElCh	50, 30.637, 93.004
Yxy	18.3368, 0.3961, 0.4239
Android (android.graphics.Color)	4286936642 (0xFF857642)
YUV	116.5570, -24.9246, 14.4205
Hunter-Lab	42.8214, -3.5121, 19.1884

# Details

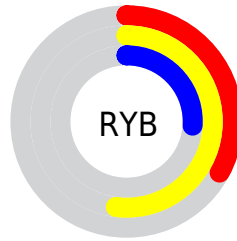
The Hex color **857642** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **425185**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **BCAA73**, and **514614** is the 20% darker color. If you saturate the color by 10%, you get **857335**, and if you desaturate by 10%, it is **85794F**.

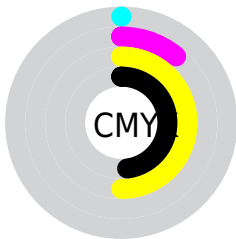
# Distribution



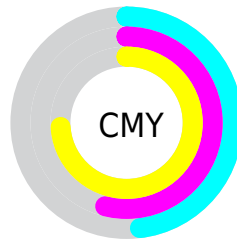
- Red (52%)
- Green (46%)
- Blue (26%)



- Red (33%)
- Yellow (52%)
- Blue (26%)



- Cyan (0%)
- Magenta (11%)
- Yellow (50%)
- Black (48%)



- Cyan (48%)
- Magenta (54%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 857642 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 857642 by changing the saturation by 10% instead.





857642



857642

FFFFFF



6B5D2B



BCAA73



514614



D8C58D



3A3000



F5E1A8



221B00



FFFE33



000000



FFFFDF



FFFFFC



857642



857642



857335



85794F

■ 857027

■ 857C5D

■ 856D1A

■ 857F6A

■ 856A0D

■ 858277

■ 856700

■ 858585

■ 858892

■ 858B9F

■ 858EAC

■ 8591BA

# Harmonies

## Analogous

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



9B6D49



857642



6A7E4A

# Triad

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



857642



008492



9A668F

# Complementary

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



857642



425185

# 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.



7D6FA2



857642



1F80A4

# Square

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



857642



218479



5478AA



A86275

# Rectangle

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



857642



558156



5478AA



926996



# Sweetspot

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



857642



ADA893



854252



575347



D6D6D6



575757



# Same Dimension

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



857642



AD9645



738542



42413C



826500



030200



# Inverse Universe

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



425185



455DAD



544285



3C3D42



001D82



000103



# Previews

## White Background



This preview shows how the Hex color 857642 looks on a white background.

## Color Contrast Check

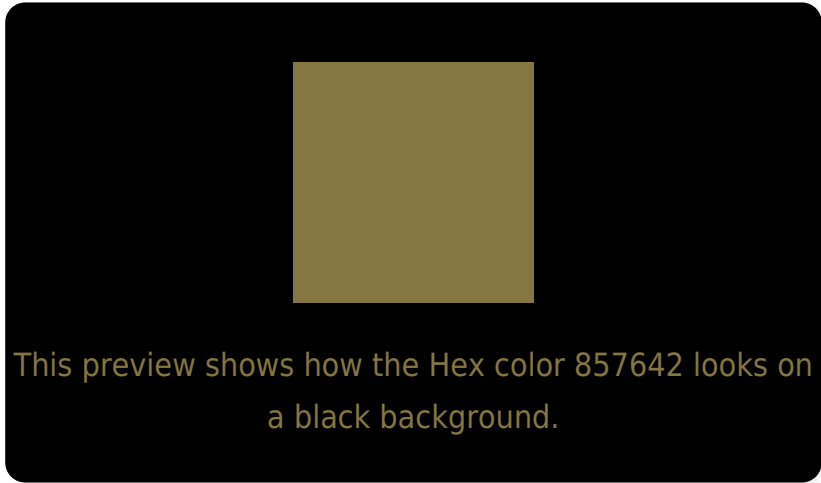
Large Text (above 18pt) WCAG AA ✓ Pass

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

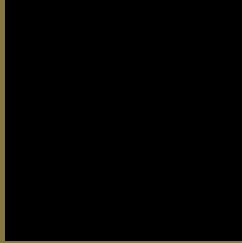
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 857642 Background



This preview shows how black text looks on a background with the Hex color 857642.



This preview shows how white text looks on a background with the Hex color 857642.

# 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**  
857642

**Protanopia**  
837742

**Deuteranopia**  
917143



**Tritanopia**  
8A7078

# Trichromacy



**Original Color**  
857642

**Protanomaly**  
847742

**Deuteranomaly**  
8D7343

**Tritanomaly**  
887264

# Monochromacy



**Original Color**  
857642

**Achromatopsia**  
757575

**Achromatomaly**  
7B7562

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 857642 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 #857642 looks like.

```
.text, #text, p{  
    color:#857642  
}
```

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 #857642 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #857642
}
```

## Border

The CSS property to change the border of an element to Hex 857642 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
#857642 }
```

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

```
.border{ border-color:#857642 }
```

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

Here you see how a box with a 4 pixel #857642 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #857642; -webkit-box-shadow:4px 4px  
4px 4px #857642; box-shadow:4px 4px 4px  
4px #857642 }
```

# Background

The CSS property to change the background color of an element to Hex 857642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#857642 }
```

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

```
.background{ background-color:#857642 }
```

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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