

# Converting Colors

Hex(857574)

Have a look what the booklet for  
Hex(857574) contains.

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# Color

**Hex(857574)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	857574
RGB	133, 117, 116
RGB Percent	52%, 46%, 45%
CMY	0.4784, 0.5412, 0.5451
CMYK	0.00, 0.12, 0.13, 0.48
HSL	4°, 7%, 49%
HSV	4°, 13%, 52%
XYZ	19.1865, 18.9701, 19.1733
YIQ	121.6700, 9.8570, 3.0810

# Conversions

## Conversions Part 2

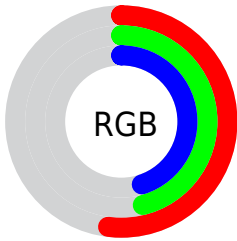
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 117, 116
Decimal	8746356
CIE <sub>Lab</sub>	50.65, 6.01, 2.82
CIE <sub>LCh</sub>	51, 6.640, 25.098
Yxy	18.9701, 0.3347, 0.3309
Android (android.graphics.Color)	4286936436 (0xFF857574)
YUV	121.6700, -2.7953, 9.9364
Hunter-Lab	43.5547, 2.4115, 4.3880

# Details

The Hex color **857574** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **748485**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **BAA9A8**, and **534544** is the 20% darker color. If you saturate the color by 10%, you get **856867**, and if you desaturate by 10%, it is **858281**.

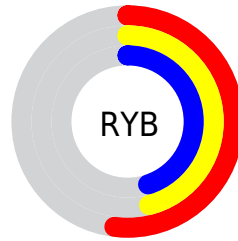
# Distribution



Red (52%)

Green (46%)

Blue (45%)



Red (52%)

Yellow (46%)

Blue (45%)

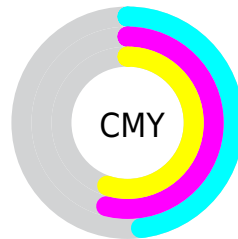


Cyan (0%)

Magenta (12%)

Yellow (13%)

Black (48%)



Cyan (48%)

Magenta (54%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 857574 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 857574 by changing the saturation by 10% instead.





857574



857574

FFFFFF



6C5C5B



BAA9A8



534544



D6C4C3



3C2F2E



F2E0DF



261A19



FFFDFC



120000



000000



857574



857574



856867



858281



855C59



858E8F

 854F4C

 859B9C

 85433F

 85A7A9

 853631

 85B4B7

 852A24

 85C0C4

 851D17

 85CDD1

 85110A

 85D9DE

 850800

 85E6EC

# Harmonies

## Analogous

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



84757A



857574



83766F

# Triad

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



857574



727B72



727984

# Complementary

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



857574



748485

# 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.



6D7B82



857574



6D7C77

# Square

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



857574



787A6E



6B7C7D



797783

# Rectangle

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



857574



80776E



6B7C7D



707A83



# Sweetspot

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



857574



ADA7A6



857484



575352



D6D6D6



575757



# Same Dimension

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



857574



AD9593



857D74



423C3C



820800



030000



# Inverse Universe

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



748485



93ACAD



747C85



3C4242



007A82



000203



# Previews

## White Background



This preview shows how the Hex color 857574 looks on a white background.

## Color Contrast Check

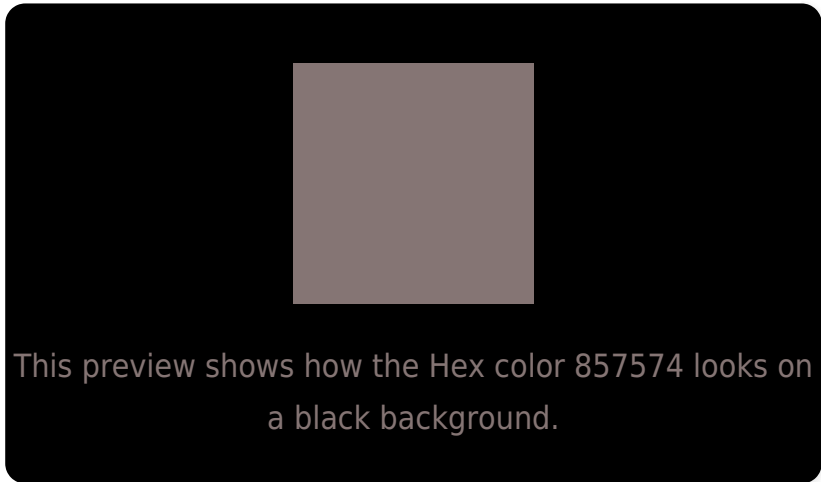
Large Text (above 18pt) WCAG AA ✓ Pass

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

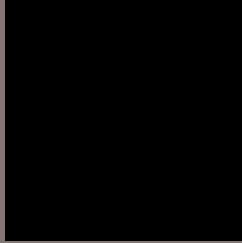
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 857574 Background



This preview shows how black text looks on a background with the Hex color 857574.

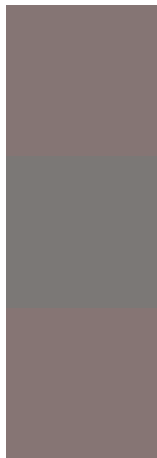


This preview shows how white text looks on a background with the Hex color 857574.

# 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**  
857574

**Protanopia**  
7B7876

**Deuteranopia**  
867574



**Tritanopia**  
86747D

# Trichromacy



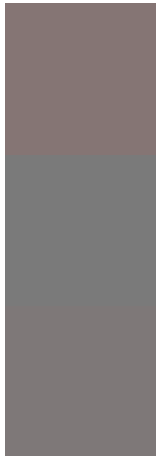
**Original Color**  
857574

**Protanomaly**  
7F7775

**Deuteranomaly**  
867574

**Tritanomaly**  
86747A

# Monochromacy



**Original Color**  
857574

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
7E7878

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 857574 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 #857574 looks like.

```
.text, #text, p{  
    color:#857574  
}
```

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 #857574 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #857574
}
```

## Border

The CSS property to change the border of an element to Hex 857574 is called "border". The border property can be set on classes, ids or directly on the HTML element.

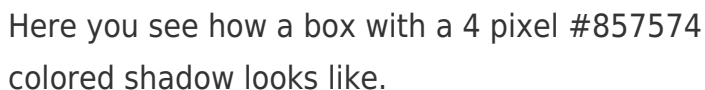
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#857574 }
```

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

```
.border{ border-color:#857574 }
```

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



Here you see how a box with a 4 pixel #857574 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #857574; -webkit-box-shadow:4px 4px  
4px 4px #857574; box-shadow:4px 4px 4px  
4px #857574 }
```

# Background

The CSS property to change the background color of an element to Hex 857574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#857574 }
```

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

```
.background{ background-color:#857574 }
```

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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