

# Converting Colors

Hex(857474)

Have a look what the booklet for  
Hex(857474) contains.

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# Color

**Hex(857474)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	857474
RGB	133, 116, 116
RGB Percent	52%, 45%, 45%
CMY	0.4784, 0.5451, 0.5451
CMYK	0.00, 0.13, 0.13, 0.48
HSL	0°, 7%, 49%
HSV	0°, 13%, 52%
XYZ	19.0706, 18.7383, 19.1347
YIQ	121.0830, 10.1320, 3.6040

# Conversions

## Conversions Part 2

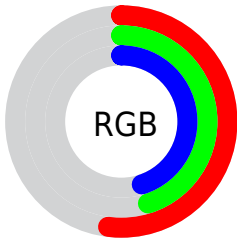
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 116, 116
Decimal	8746100
CIELab	50.38, 6.60, 2.42
CIElCh	50, 7.027, 20.161
Yxy	18.7383, 0.3349, 0.3291
Android (android.graphics.Color)	4286936180 (0xFF857474)
YUV	121.0830, -2.5059, 10.4512
Hunter-Lab	43.2877, 2.8856, 4.0931

# Details

The Hex color **857474** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **748585**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **BAA8A8**, and **534444** is the 20% darker color. If you saturate the color by 10%, you get **856767**, and if you desaturate by 10%, it is **858181**.

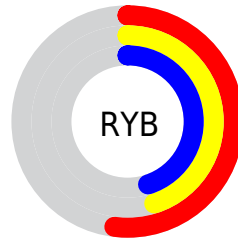
# Distribution



Red (52%)

Green (45%)

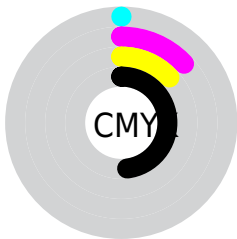
Blue (45%)



Red (52%)

Yellow (45%)

Blue (45%)

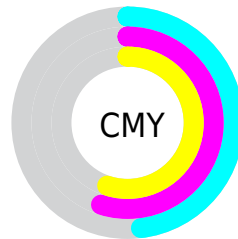


Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (48%)



Cyan (48%)

Magenta (55%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 857474 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 857474 by changing the saturation by 10% instead.





857474



857474

FFFFFF



6C5B5B



BAA8A8



534444



D6C3C3



3C2E2E



F2DFDF



261919



FFFCFC



120000



000000



857474



857474



856767



858181



855959



858F8F

 854C4C

 859C9C

 853F3F

 85A9A9

 853131

 85B7B7

 852424

 85C4C4

 851717

 85D1D1

 850A0A

 85DEDE

 850000

 85ECEC

# Harmonies

## Analogous

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



83747A



857474



83756F

# Triad

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



857474



727A70



707983

# Complementary

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



857474



748585

# 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.



6A7B81



857474



6C7B76

# Square

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



857474



78796D



697B7C



777783

# Rectangle

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



857474



81766D



697B7C



6D7A83



# Sweetspot

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



857474



ADA6A6



857485



575252



D6D6D6



575757



# Same Dimension

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



857474



AD9393



857D74



423C3C



820000



030000



# Inverse Universe

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



748585



93ADAD



747D85



3C4242



008282

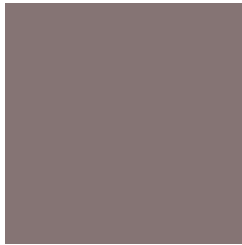


000303



# Previews

## White Background



This preview shows how the Hex color 857474 looks on a white background.

## Color Contrast Check

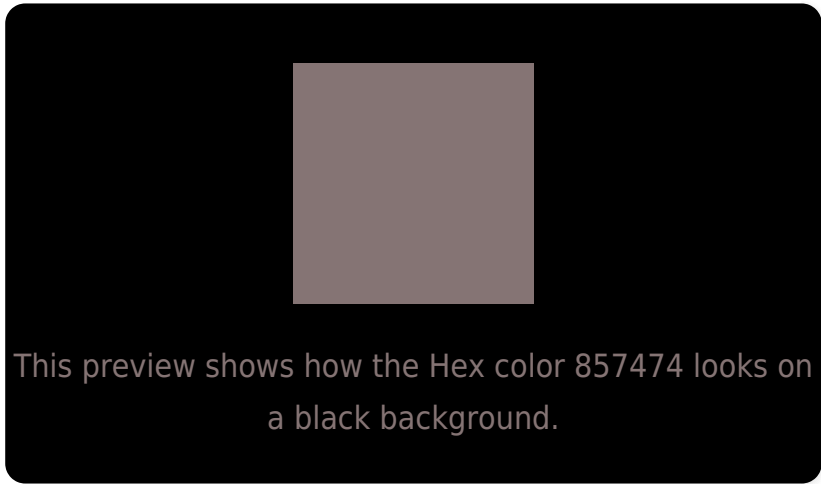
Large Text (above 18pt) WCAG AA ✓ Pass

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

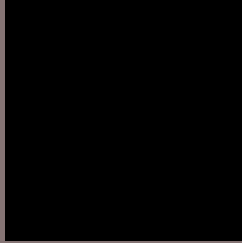
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 857474 Background



This preview shows how black text looks on a background with the Hex color 857474.



This preview shows how white text looks on a background with the Hex color 857474.

# 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**  
857474

**Protanopia**  
7B7776

**Deuteranopia**  
857474



**Tritanopia**  
86737C

# Trichromacy



**Original Color**  
857474

**Protanomaly**  
7F7675

**Deuteranomaly**  
857474

**Tritanomaly**  
867379

# Monochromacy



**Original Color**  
857474

**Achromatopsia**  
797979

**Achromatomaly**  
7D7777

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 857474 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 #857474 looks like.

```
.text, #text, p{  
    color:#857474  
}
```

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 #857474 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #857474
}
```

## Border

The CSS property to change the border of an element to Hex 857474 is called "border". The border property can be set on classes, ids or directly on the HTML element.

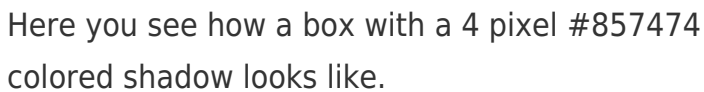
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#857474 }
```

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

```
.border{ border-color:#857474 }
```

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



Here you see how a box with a 4 pixel #857474 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #857474; -webkit-box-shadow:4px 4px  
4px 4px #857474; box-shadow:4px 4px 4px  
4px #857474 }
```

# Background

The CSS property to change the background color of an element to Hex 857474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#857474 }
```

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

```
.background{ background-color:#857474 }
```

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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