

# Converting Colors

Hex(848387)

Have a look what the booklet for  
Hex(848387) contains.

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# Color

**Hex(848387)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	848387
RGB	132, 131, 135
RGB Percent	52%, 51%, 53%
CMY	0.4824, 0.4863, 0.4706
CMYK	0.02, 0.03, 0.00, 0.47
HSL	255°, 2%, 52%
HSV	255°, 3%, 53%
XYZ	22.0052, 22.8874, 26.1796
YIQ	131.7550, -0.6880, 1.4560

# Conversions

## Conversions Part 2

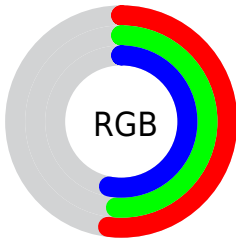
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 131, 135
Decimal	8684423
CIE <sub>Lab</sub>	54.96, 1.17, -2.03
CIE <sub>LCh</sub>	55, 2.342, 300.077
Yxy	22.8874, 0.3096, 0.3220
Android (android.graphics.Color)	4286874503 (0xFF848387)
YUV	131.7550, 1.5998, 0.2149
Hunter-Lab	47.8408, -1.6172, 1.0437

# Details

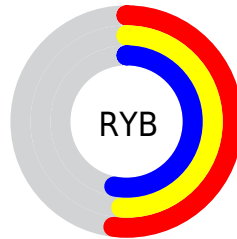
The Hex color **848387** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **868783**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **B9B8BC**, and **535255** is the 20% darker color. If you saturate the color by 10%, you get **7A7587**, and if you desaturate by 10%, it is **8E9087**.

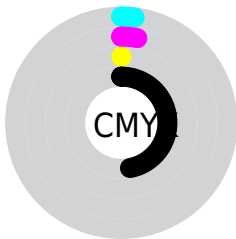
# Distribution



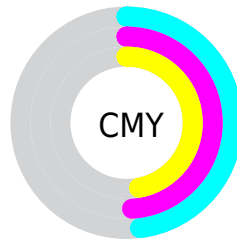
- Red (52%)
- Green (51%)
- Blue (53%)



- Red (52%)
- Yellow (51%)
- Blue (53%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (47%)



- Cyan (48%)
- Magenta (49%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 848387 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 848387 by changing the saturation by 10% instead.



■ 848387

■ 848387

FFFFFF

■ 6B6A6E

■ B9B8BC

■ 535255

■ D5D4D8

■ 3C3B3E

■ F1F0F4

■ 262528

■ 111014

■ 000000

■ 848387

■ 848387

■ 7A7587

■ 8E9087

■ 706887

■ 989E87

665A87

A2AB87

5C4D87

ACB987

513F87

B7C787

473287

C1D487

3D2487

CBE287

331787

D5EF87

290987

DFFC87

# Harmonies

## Analogous

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



828488



848387



868286

# Triad

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



848387



878380



7F8583

# Complementary

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



848387



868783

# 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.



818581



848387



85837F

# Square

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



848387



888282



838480



7F8585

# Rectangle

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



848387



878284



838480



808583



# Sweetspot

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



848387



AFAEB0



838687



595859



D9D9D9



595959



# Same Dimension

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



848387



ABA9B0



868387



403F42



210082



010003



# Inverse Universe

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



878386



B0A9AE



848783



423F41



820062



030002



# Previews

## White Background



This preview shows how the Hex color 848387 looks on a white background.

## Color Contrast Check

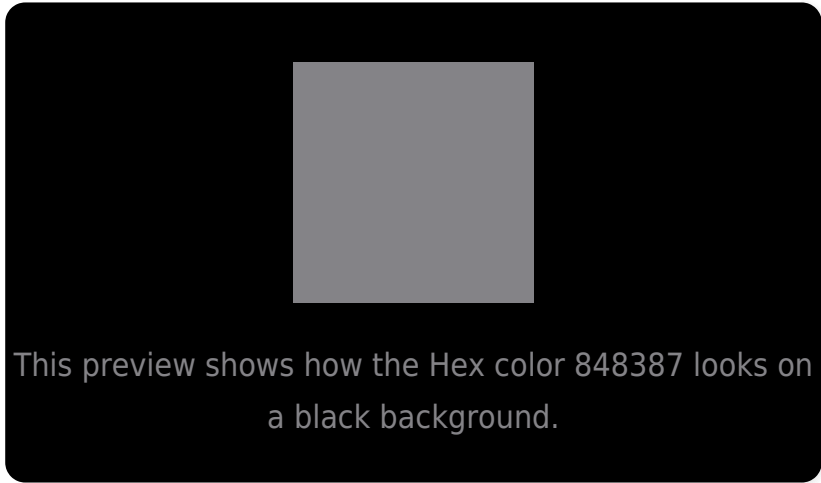
Large Text (above 18pt) WCAG AA ✓ Pass

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

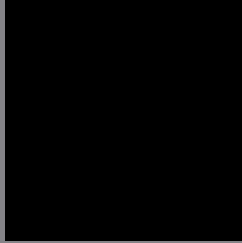
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

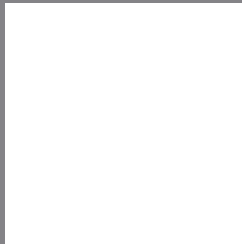
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 848387 Background



This preview shows how black text looks on a background with the Hex color 848387.



This preview shows how white text looks on a background with the Hex color 848387.

# 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**  
848387

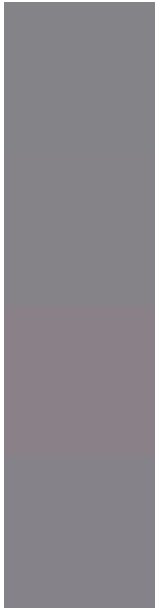
**Protanopia**  
858387

**Deuteranopia**  
8E7F88



**Tritanopia**  
85828C

# Trichromacy



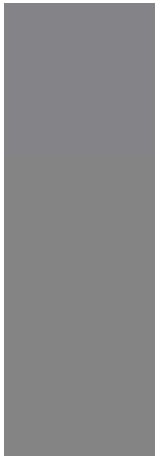
**Original Color**  
848387

**Protanomaly**  
858387

**Deuteranomaly**  
8A8088

**Tritanomaly**  
85828A

# Monochromacy



**Original Color**  
848387

**Achromatopsia**  
848484

**Achromatomaly**  
848485

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 848387 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 #848387 looks like.

```
.text, #text, p{  
    color:#848387  
}
```

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 #848387 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #848387
}
```

## Border

The CSS property to change the border of an element to Hex 848387 is called "border". The border property can be set on classes, ids or directly on the HTML element.

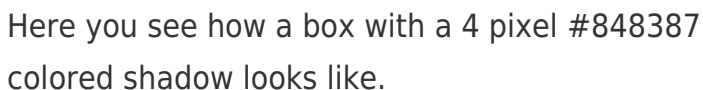
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#848387 }
```

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

```
.border{ border-color:#848387 }
```

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



Here you see how a box with a 4 pixel #848387 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #848387; -webkit-box-shadow:4px 4px  
4px 4px #848387; box-shadow:4px 4px 4px  
4px #848387 }
```

# Background

The CSS property to change the background color of an element to Hex 848387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#848387 }
```

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

```
.background{ background-color:#848387 }
```

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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