

# Converting Colors

Hex(857487)

Have a look what the booklet for  
Hex(857487) contains.

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# Color

**Hex(857487)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	857487
RGB	133, 116, 135
RGB Percent	52%, 45%, 53%
CMY	0.4784, 0.5451, 0.4706
CMYK	0.01, 0.14, 0.00, 0.47
HSL	294°, 8%, 49%
HSV	294°, 14%, 53%
XYZ	20.2914, 19.2266, 25.5633
YIQ	123.2490, 4.0330, 9.5130

# Conversions

## Conversions Part 2

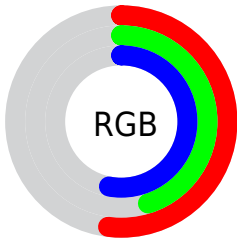
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 116, 135
Decimal	8746119
CIE <sub>Lab</sub>	50.95, 10.25, -7.95
CIE <sub>LCh</sub>	51, 12.970, 322.209
Yxy	19.2266, 0.3118, 0.2954
Android (android.graphics.Color)	4286936199 (0xFF857487)
YUV	123.2490, 5.7932, 8.5516
Hunter-Lab	43.8481, 5.8695, -3.8721

# Details

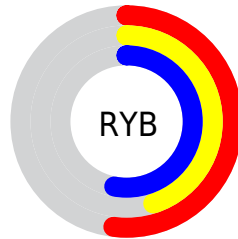
The Hex color **857487** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **768774**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **BAA8BC**, and **534455** is the 20% darker color. If you saturate the color by 10%, you get **846787**, and if you desaturate by 10%, it is **868287**.

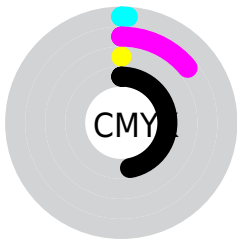
# Distribution



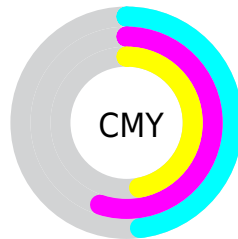
- Red (52%)
- Green (45%)
- Blue (53%)



- Red (52%)
- Yellow (45%)
- Blue (53%)



- Cyan (1%)
- Magenta (14%)
- Yellow (0%)
- Black (47%)



- Cyan (48%)
- Magenta (55%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 857487 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 857487 by changing the saturation by 10% instead.



■ 857487

■ 857487

FFFFFF

■ 6C5B6E

■ BAA8BC

■ 534455

■ D6C3D8

■ 3C2E3E

■ F2DFF4

■ 261928

■ FFFCFF

■ 130014

■ 000000

■ 857487

■ 857487

■ 846787

■ 868287

■ 825987

■ 888F87

814C87

899C87

7F3E87

8BAA87

7E3187

8CB887

7C2387

8EC587

7B1587

8FD387

7A0887

90E087

790087

92ED87

# Harmonies

## Analogous

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



78778E



857487



8E727D

# Triad

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



857487



857864



5C8081

# Complementary

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



857487



768774

# 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.



628076



857487



797B65

# Square

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



857487



8D7468



6D7E6C



5F7E8A

# Rectangle

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



857487



917275



6D7E6C



5D807E



# Sweetspot

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



857487



AFA9B0



747687



595559



D9D9D9



595959



# Same Dimension

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



857487



AD92B0



877480



423C42



740082



020003



# Inverse Universe

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



877476



B09295



74877B



423C3C



82000E

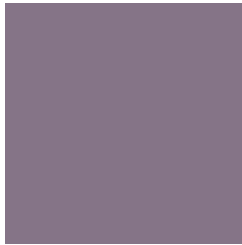


030000



# Previews

## White Background



This preview shows how the Hex color 857487 looks on a white background.

## Color Contrast Check

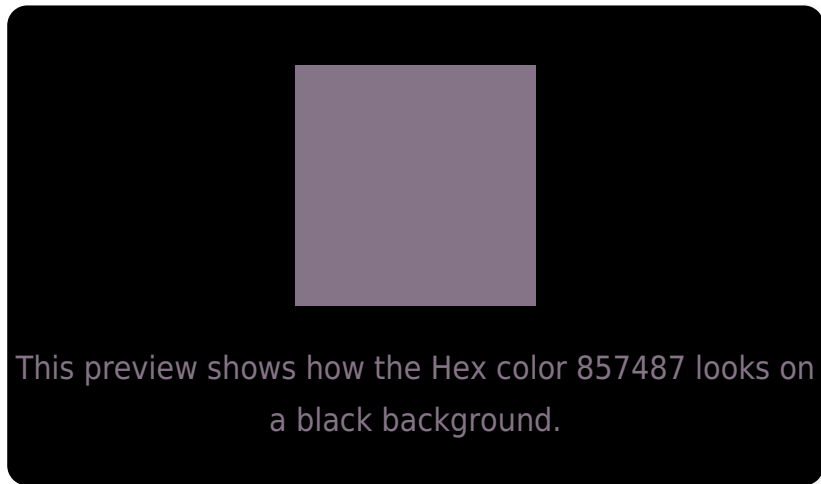
Large Text (above 18pt) WCAG AA ✓ Pass

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

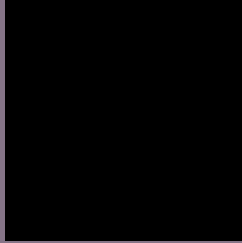
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 857487 Background



This preview shows how black text looks on a background with the Hex color 857487.



This preview shows how white text looks on a background with the Hex color 857487.

# 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**  
857487

**Protanopia**  
77798A

**Deuteranopia**  
7F7687



**Tritanopia**  
84757F

# Trichromacy



**Original Color**  
857487

**Protanomaly**  
7C7789

**Deuteranomaly**  
817587

**Tritanomaly**  
847582

# Monochromacy



**Original Color**  
857487

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
7F787F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 857487 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 #857487 looks like.

```
.text, #text, p{  
    color:#857487  
}
```

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 #857487 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #857487
}
```

## Border

The CSS property to change the border of an element to Hex 857487 is called "border". The border property can be set on classes, ids or directly on the HTML element.

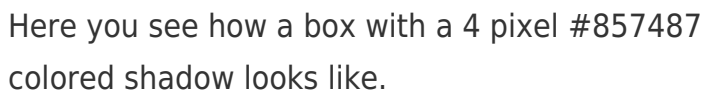
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#857487 }
```

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

```
.border{ border-color:#857487 }
```

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



Here you see how a box with a 4 pixel #857487 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #857487; -webkit-box-shadow:4px 4px  
4px 4px #857487; box-shadow:4px 4px 4px  
4px #857487 }
```

# Background

The CSS property to change the background color of an element to Hex 857487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#857487 }
```

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

```
.background{ background-color:#857487 }
```

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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