

# Converting Colors

Hex(868187)

Have a look what the booklet for  
Hex(868187) contains.

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# Color

**Hex(868187)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	868187
RGB	134, 129, 135
RGB Percent	53%, 51%, 53%
CMY	0.4745, 0.4941, 0.4706
CMYK	0.01, 0.04, 0.00, 0.47
HSL	290°, 2%, 52%
HSV	290°, 4%, 53%
XYZ	22.0549, 22.5181, 26.1057
YIQ	131.1790, 1.0540, 2.9260

# Conversions

## Conversions Part 2

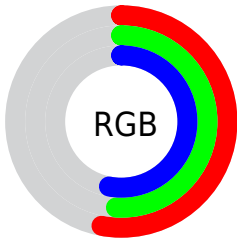
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	134, 129, 135
Decimal	8814983
CIE Lab	54.57, 3.06, -2.57
CIE LCh	55, 3.996, 319.952
Yxy	22.5181, 0.3120, 0.3186
Android (android.graphics.Color)	4287005063 (0xFF868187)
YUV	131.1790, 1.8838, 2.4740
Hunter-Lab	47.4533, -0.0814, 0.5998

# Details

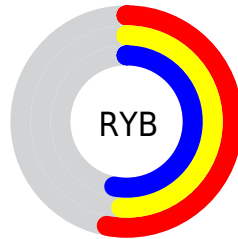
The Hex color **868187** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **828781**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **BBB6BC**, and **545055** is the 20% darker color. If you saturate the color by 10%, you get **847487**, and if you desaturate by 10%, it is **888F87**.

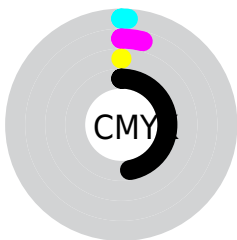
# Distribution



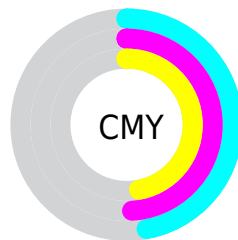
- Red (53%)
- Green (51%)
- Blue (53%)



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



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (47%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 868187 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 868187 by changing the saturation by 10% instead.



■ 868187

■ 868187

FFFFFF

■ 6D686E

■ BBB6BC

■ 545055

■ D7D1D8

■ 3D393E

■ F3EEF4

■ 282428

■ 130E14

■ 000000

■ 868187

■ 868187

■ 847487

■ 888F87

■ 826687

■ 8B9C87


 7F5887

 8DAA87

 7D4B87

 8FB787

 7B3D87

 91C487

 793087

 93D287

 762387

 96E087

 741587

 98ED87

 720887

 9AFB87

# Harmonies

## Analogous

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



828289



868187



898084

# Triad

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



868187



87827C



7A8585

# Complementary

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



868187



828781

# 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.



7C8581



868187



83837C

# Square

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



868187



89817D



7F847E



7B8488

# Rectangle

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



868187



8A8081



7F847E



7B8584



# Sweetspot

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



868187



B0AEB0



818287



595859



D9D9D9



595959



# Same Dimension

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



868187



AEA7B0



878185



423E42



6C0082



020003



# Inverse Universe

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



878182



B0A7A9



818783



423E3F



820016



030000



# Previews

## White Background



This preview shows how the Hex color 868187 looks on a white background.

## Color Contrast Check

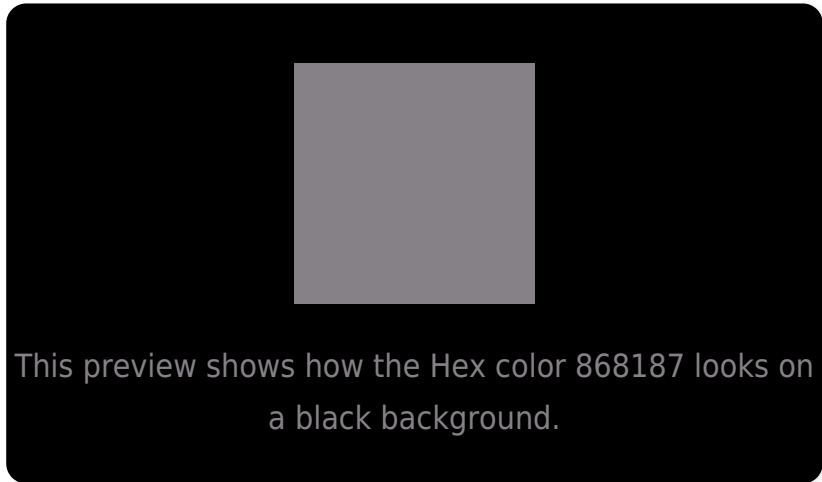
Large Text (above 18pt) WCAG AA ✓ Pass

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

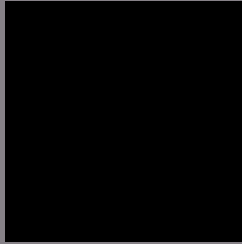
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 868187 Background



This preview shows how black text looks on a background with the Hex color 868187.



This preview shows how white text looks on a background with the Hex color 868187.

# 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**  
868187

**Protanopia**  
838287

**Deuteranopia**  
8D7F87



**Tritanopia**  
87808B

# Trichromacy



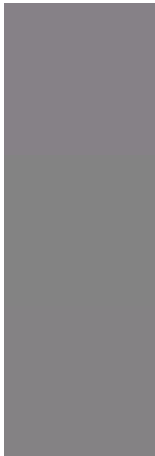
**Original Color**  
868187

**Protanomaly**  
848287

**Deuteranomaly**  
8A8087

**Tritanomaly**  
87808A

# Monochromacy



**Original Color**  
868187

**Achromatopsia**  
838383

**Achromatomaly**  
848284

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 868187 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 #868187 looks like.

```
.text, #text, p{  
    color:#868187  
}
```

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 #868187 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #868187
}
```

## Border

The CSS property to change the border of an element to Hex 868187 is called "border". The border property can be set on classes, ids or directly on the HTML element.

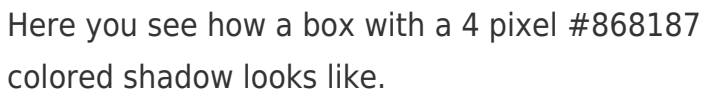
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#868187 }
```

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

```
.border{ border-color:#868187 }
```

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



Here you see how a box with a 4 pixel #868187 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #868187; -webkit-box-shadow:4px 4px  
4px 4px #868187; box-shadow:4px 4px 4px  
4px #868187 }
```

# Background

The CSS property to change the background color of an element to Hex 868187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#868187 }
```

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

```
.background{ background-color:#868187 }
```

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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