

# Converting Colors

Hex(878084)

Have a look what the booklet for  
Hex(878084) contains.

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# Color

**Hex(878084)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	878084
RGB	135, 128, 132
RGB Percent	53%, 50%, 52%
CMY	0.4706, 0.4980, 0.4824
CMYK	0.00, 0.05, 0.02, 0.47
HSL	326°, 3%, 52%
HSV	326°, 5%, 53%
XYZ	21.8757, 22.2552, 24.9725
YIQ	130.5490, 2.8880, 2.7280

# Conversions

## Conversions Part 2

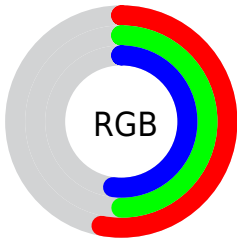
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 128, 132
Decimal	8880260
CIE Lab	54.30, 3.41, -1.22
CIE LCh	54, 3.625, 340.299
Yxy	22.2552, 0.3166, 0.3221
Android (android.graphics.Color)	4287070340 (0xFF878084)
YUV	130.5490, 0.7153, 3.9035
Hunter-Lab	47.1754, 0.2153, 1.6374

# Details

The Hex color **878084** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **808783**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **BCB5B9**, and **554F53** is the 20% darker color. If you saturate the color by 10%, you get **87727E**, and if you desaturate by 10%, it is **878D8A**.

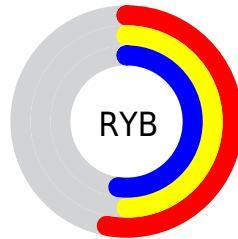
# Distribution



Red (53%)

Green (50%)

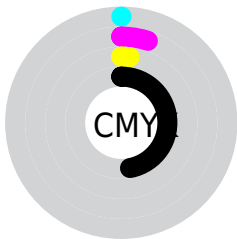
Blue (52%)



Red (53%)

Yellow (50%)

Blue (52%)

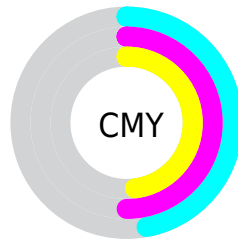


Cyan (0%)

Magenta (5%)

Yellow (2%)

Black (47%)



Cyan (47%)

Magenta (50%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 878084 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 878084 by changing the saturation by 10% instead.





878084



878084

FFFFFF



6E676B



BCB5B9



554F53



D8D0D5



3E383C



F4EDF1



282326



140D11



000000



878084



878084



87727E



878D8A



876578



879B90

875873

87A995

874A6D

87B69B

873C67

87C4A1

872F61

87D1A7

87215C

87DFAC

871456

87ECB2

870650

87FAB8

# Harmonies

## Analogous

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



848187



878084



898081

# Triad

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



878084



83827C



7B8386

# Complementary

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



878084



808783

# 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.



7B8483



878084



80837D

# Square

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



878084



87817C



7C8480



7D8388

# Rectangle

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



878084



89807F



7C8480



7A8485



# Sweetspot

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



878084



B0ACAE



838087



595758



D9D9D9



595959



# Same Dimension

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



878084



B0A5AB



878081



423E40



82004A



030001



# Inverse Universe

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



878084



B0A5AB



808786



423E40



82004A



030001



# Previews

## White Background



This preview shows how the Hex color 878084 looks on a white background.

## Color Contrast Check

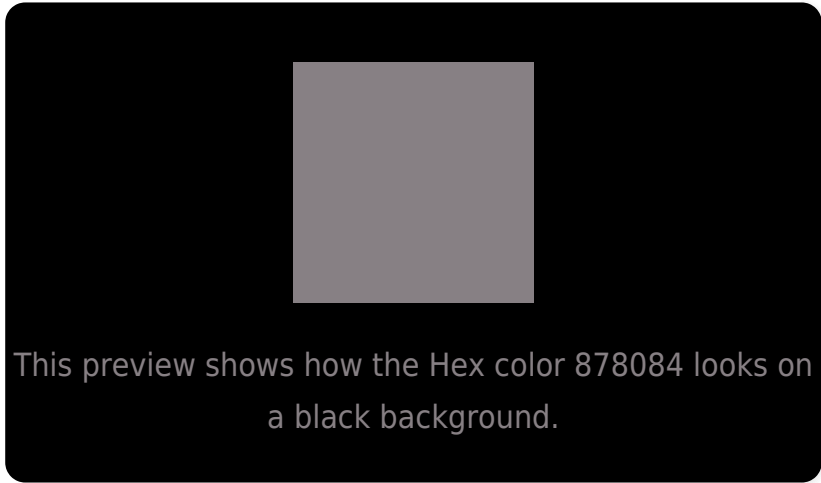
Large Text (above 18pt) WCAG AA ✓ Pass

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

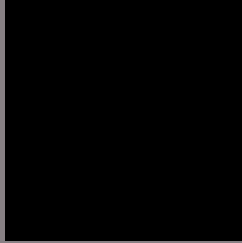
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

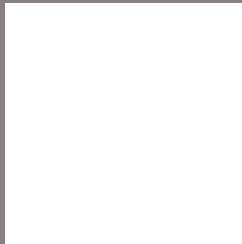
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 878084 Background



This preview shows how black text looks on a background with the Hex color 878084.



This preview shows how white text looks on a background with the Hex color 878084.

# 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**  
878084

**Protanopia**  
838185

**Deuteranopia**  
8D7E84



**Tritanopia**  
887F89

# Trichromacy



**Original Color**  
878084

**Protanomaly**  
848185

**Deuteranomaly**  
8B7F84

**Tritanomaly**  
887F87

# Monochromacy



**Original Color**  
878084

**Achromatopsia**  
838383

**Achromatomaly**  
848283

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 878084 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 #878084 looks like.

```
.text, #text, p{  
    color:#878084  
}
```

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 #878084 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #878084
}
```

## Border

The CSS property to change the border of an element to Hex 878084 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
#878084 }
```

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

```
.border{ border-color:#878084 }
```

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

Here you see how a box with a 4 pixel #878084 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #878084; -webkit-box-shadow:4px 4px  
4px 4px #878084; box-shadow:4px 4px 4px  
4px #878084 }
```

# Background

The CSS property to change the background color of an element to Hex 878084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#878084 }
```

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

```
.background{ background-color:#878084 }
```

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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