

# Converting Colors

Hex(848580)

Have a look what the booklet for  
Hex(848580) contains.

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# Color

**Hex(848580)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	848580
RGB	132, 133, 128
RGB Percent	52%, 52%, 50%
CMY	0.4824, 0.4784, 0.4980
CMYK	0.01, 0.00, 0.04, 0.48
HSL	72°, 2%, 51%
HSV	72°, 4%, 52%
XYZ	21.7995, 23.2391, 23.7587
YIQ	132.1310, 1.0090, -1.7670

# Conversions

## Conversions Part 2

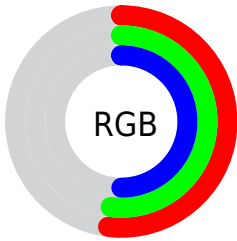
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 133, 129
Decimal	8684928
CIE Lab	55.32, -1.34, 2.55
CIE LCh	55, 2.887, 117.754
Yxy	23.2391, 0.3169, 0.3378
Android (android.graphics.Color)	4286875008 (0xFF848580)
YUV	132.1310, -2.0366, -0.1149
Hunter-Lab	48.2070, -3.6432, 4.5239

# Details

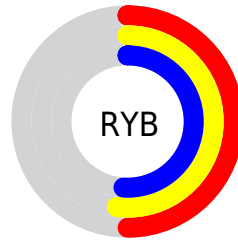
The Hex color **848580** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **818085**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **B9BAB5**, and **53544F** is the 20% darker color. If you saturate the color by 10%, you get **818573**, and if you desaturate by 10%, it is **87858D**.

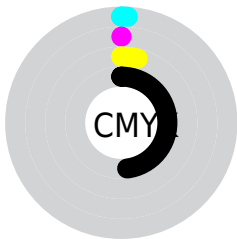
# Distribution



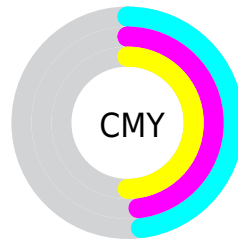
- Red (52%)
- Green (52%)
- Blue (50%)



- Red (50%)
- Yellow (52%)
- Blue (51%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (48%)



- Cyan (48%)
- Magenta (48%)
- Yellow (50%)
- Black (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 848580 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 848580 by changing the saturation by 10% instead.



■ 848580

■ 848580

FFFFFF

■ 6B6C67

■ B9BAB5

■ 53544F

■ D5D6D0

■ 3C3C38

■ F1F2ED

■ 262723

■ 11120D

■ 000000

■ 848580

■ 848580

■ 818573

■ 87858D

■ 7F8565

■ 89859B

 7C8558

 8C85A8

 79854B

 8F85B5

 77853D

 9185C3

 748530

 9485D0

 718523

 9785DD

 6F8516

 9985EA

 6C8508

 9C85F8

# Harmonies

## Analogous

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



87847F



848580



818682

# Triad

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



848580



7F8589



8A8385

# Complementary

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



848580



818085

# 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.



888387



848580



828589

# Square

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



848580



7F8687



858489



8A8382

# Rectangle

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



848580



808683



858489



898386



# Sweetspot

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



848580



ADADAC



858180



575756



D6D6D6



575757



# Same Dimension

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



848580



ACADA5



828580



42423E



688200



020300



# Inverse Universe

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



818085



A6A5AD



838085



3F3E42



1A0082



010003



# Previews

## White Background



This preview shows how the Hex color 848580 looks on a white background.

## Color Contrast Check

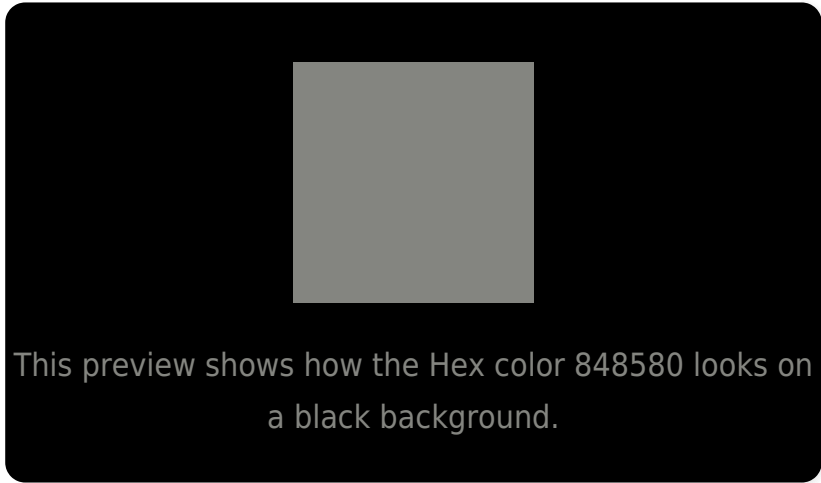
Large Text (above 18pt) WCAG AA ✓ Pass

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

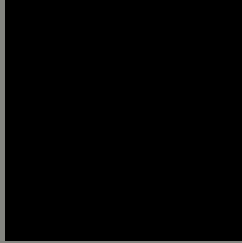
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

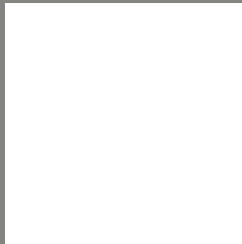
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 848580 Background



This preview shows how black text looks on a background with the Hex color 848580.



This preview shows how white text looks on a background with the Hex color 848580.

# 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**  
848580

**Protanopia**  
88847F

**Deuteranopia**  
928081



**Tritanopia**  
86838D

# Trichromacy



**Original Color**  
848580

**Protanomaly**  
87847F

**Deuteranomaly**  
8D8281

**Tritanomaly**  
858488

# Monochromacy



**Original Color**  
848580

**Achromatopsia**  
848484

**Achromatomaly**  
848483

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 848580 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 #848580 looks like.

```
.text, #text, p{  
    color:#848580  
}
```

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 #848580 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #848580
}
```

## Border

The CSS property to change the border of an element to Hex 848580 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
#848580 }
```

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

```
.border{ border-color:#848580 }
```

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

Here you see how a box with a 4 pixel #848580 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #848580; -webkit-box-shadow:4px 4px  
4px 4px #848580; box-shadow:4px 4px 4px  
4px #848580 }
```

# Background

The CSS property to change the background color of an element to Hex 848580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#848580 }
```

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

```
.background{ background-color:#848580 }
```

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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