

# Converting Colors

Hex(848596)

Have a look what the booklet for  
Hex(848596) contains.

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# Color

**Hex(848596)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	848596
RGB	132, 133, 150
RGB Percent	52%, 52%, 59%
CMY	0.4824, 0.4784, 0.4118
CMYK	0.12, 0.11, 0.00, 0.41
HSL	237°, 8%, 55%
HSV	237°, 12%, 59%
XYZ	23.4083, 23.8826, 32.2302
YIQ	134.6390, -6.0530, 5.0750

# Conversions

## Conversions Part 2

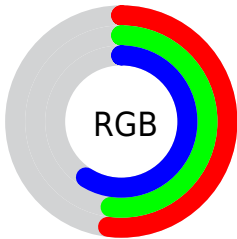
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 133, 150
Decimal	8684950
CIE Lab	55.97, 3.19, -9.20
CIE LCh	56, 9.742, 289.143
Yxy	23.8826, 0.2944, 0.3003
Android (android.graphics.Color)	4286875030 (0xFF848596)
YUV	134.6390, 7.5730, -2.3144
Hunter-Lab	48.8698, -0.0221, -4.8936

# Details

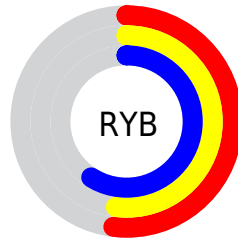
The Hex color **848596** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **969584**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **B9BACC**, and **525463** is the 20% darker color. If you saturate the color by 10%, you get **757796**, and if you desaturate by 10%, it is **939396**.

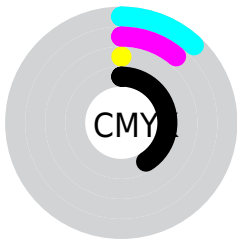
# Distribution



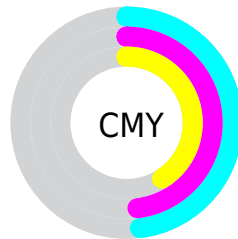
- Red (52%)
- Green (52%)
- Blue (59%)



- Red (52%)
- Yellow (52%)
- Blue (59%)



- Cyan (12%)
- Magenta (11%)
- Yellow (0%)
- Black (41%)



- Cyan (48%)
- Magenta (48%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 848596 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 848596 by changing the saturation by 10% instead.



■ 848596

■ 848596

FFFFFF

■ 6B6C7C

■ B9BACC

■ 525463

■ D5D6E8

■ 3B3D4B

■ F1F2FF

■ 252735

■ 11121F

■ 000005

■ 000000

■ 848596

■ 848596

■ 757796

■ 939396

666996

A2A196

575A96

B1B096

484C96

C0BE96

393E96

CFCC96

2A3096

DEDA96

1B2296

EDE896

0C1496

FCF696

000896

FFFF96

# Harmonies

## Analogous

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



7A8896



848596



8E8291

# Triad

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



848596



96827A



758B83

# Complementary

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



848596



969584

# 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.



7D8A7B



848596



908476

# Square

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



848596



988181



878776



718B8B

# Rectangle

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



848596



94818C



878776



788B80



# Sweetspot

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



848596



BABAC2



849695



5C5C61



E0E0E0



616161



# Same Dimension

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



848596



A7A8C2



8C8496



43434A



00088A



00010A



# Inverse Universe

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



968485



C2A7A8



8E9684



4A4343



8A0008



0A0001



# Previews

## White Background



This preview shows how the Hex color 848596 looks on a white background.

## Color Contrast Check

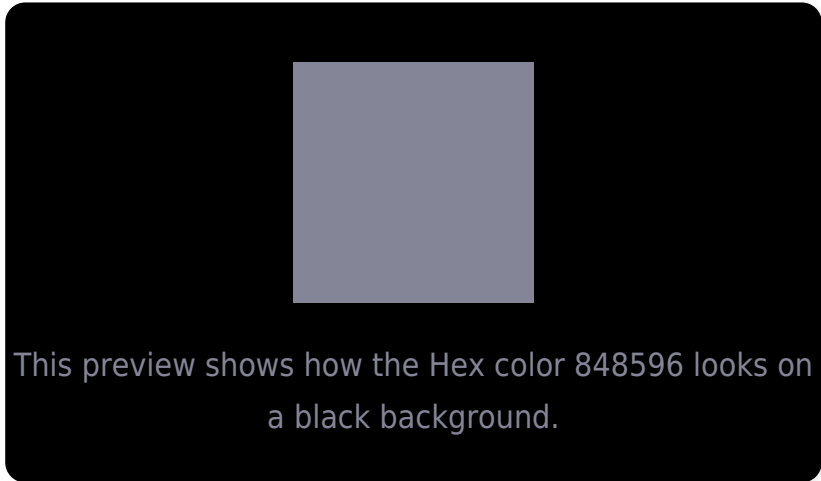
Large Text (above 18pt) WCAG AA ✓ Pass

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

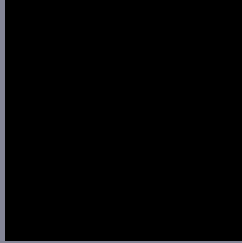
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

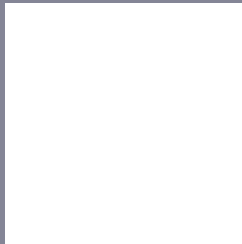
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 848596 Background



This preview shows how black text looks on a background with the Hex color 848596.



This preview shows how white text looks on a background with the Hex color 848596.

# 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**

848596

**Protanopia**

848596

**Deuteranopia**

8B8396



**Tritanopia**  
838691

# Trichromacy



**Original Color**  
848596

**Protanomaly**  
848596

**Deuteranomaly**  
888496

**Tritanomaly**  
838693

# Monochromacy



**Original Color**  
848596

**Achromatopsia**  
878787

**Achromatomaly**  
86868C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 848596 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 #848596 looks like.

```
.text, #text, p{  
    color:#848596  
}
```

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 #848596 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #848596
}
```

## Border

The CSS property to change the border of an element to Hex 848596 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
#848596 }
```

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

```
.border{ border-color:#848596 }
```

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

Here you see how a box with a 4 pixel #848596 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #848596; -webkit-box-shadow:4px 4px  
4px 4px #848596; box-shadow:4px 4px 4px  
4px #848596 }
```

# Background

The CSS property to change the background color of an element to Hex 848596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#848596 }
```

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

```
.background{ background-color:#848596 }
```

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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