

# Converting Colors

Hex(876484)

Have a look what the booklet for  
Hex(876484) contains.

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# Color

**Hex(876484)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	876484
RGB	135, 100, 132
RGB Percent	53%, 39%, 52%
CMY	0.4706, 0.6078, 0.4824
CMYK	0.00, 0.26, 0.02, 0.47
HSL	305°, 15%, 46%
HSV	305°, 26%, 53%
XYZ	18.7137, 15.9312, 23.9185
YIQ	114.1130, 10.5880, 17.3720

# Conversions

## Conversions Part 2

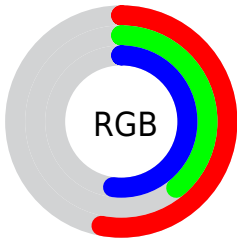
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 100, 132
Decimal	8873092
CIE <sub>Lab</sub>	46.88, 19.83, -12.26
CIE <sub>LCh</sub>	47, 23.308, 328.278
Yxy	15.9312, 0.3195, 0.2720
Android (android.graphics.Color)	4287063172 (0xFF876484)
YUV	114.1130, 8.8183, 18.3179
Hunter-Lab	39.9139, 13.8408, -7.5900

# Details

The Hex color **876484** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **648767**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **BD97B9**, and **553553** is the 20% darker color. If you saturate the color by 10%, you get **875683**, and if you desaturate by 10%, it is **877285**.

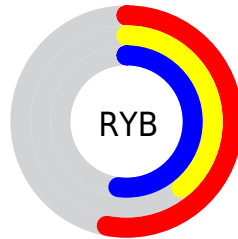
# Distribution



Red (53%)

Green (39%)

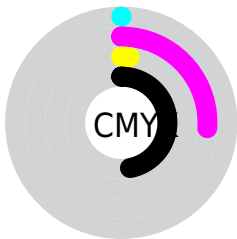
Blue (52%)



Red (53%)

Yellow (39%)

Blue (52%)

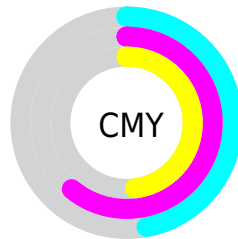


Cyan (0%)

Magenta (26%)

Yellow (2%)

Black (47%)



Cyan (47%)

Magenta (61%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 876484 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 876484 by changing the saturation by 10% instead.





876484



876484

FFFFFF



6D4C6B



BD97B9



553553



D9B2D5



3D1F3B



F5CEF1



270926



FFEAFF



090010



000000



876484



876484



875683



877285



874982



877F86

873B81

878D87

872E7F

879A89

87217E

87A88A

87137D

87B58B

87067C

87C38C

87007B

87D08D

87DE8E

# Harmonies

## Analogous

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



706A92



876484



946171

# Triad

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



876484



7E6E48



2E7981

# Complementary

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



876484



648767

# 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.



3C7A6D



876484



69744C

# Square

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



876484



8D674E



53785A



387790

# Rectangle

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



876484



966164



53785A



307A7B



# Sweetspot

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



876484



B0A2AF



676487



595058



D9D9D9



595959



# Same Dimension

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



876484



B079AB



876473



423C42



820077



030002



# Inverse Universe

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



876484



B079AB



648778



423C42



820077

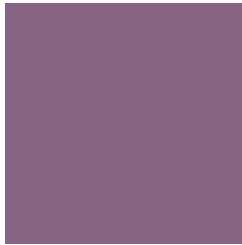


030002



# Previews

## White Background



This preview shows how the Hex color 876484 looks on a white background.

## Color Contrast Check

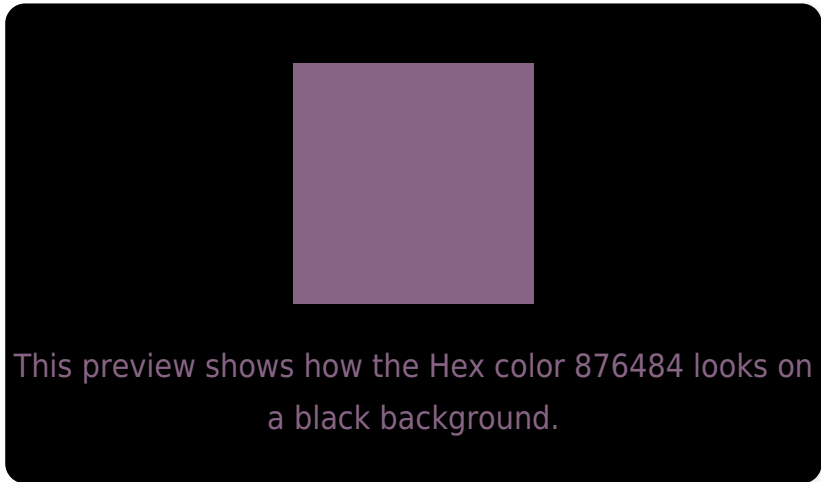
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

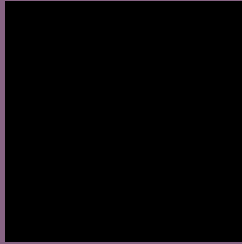
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 876484 Background



This preview shows how black text looks on a background with the Hex color 876484.

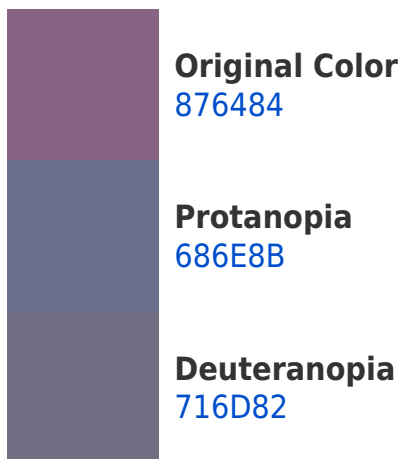


This preview shows how white text looks on a background with the Hex color 876484.

# 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





**Tritanopia**  
846870

# Trichromacy



**Original Color**  
876484

**Protanomaly**  
736A88

**Deuteranomaly**  
796A83

**Tritanomaly**  
856777

# Monochromacy



**Original Color**  
876484

**Achromatopsia**  
727272

**Achromatomaly**  
7A6D79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 876484 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 #876484 looks like.

```
.text, #text, p{  
    color:#876484  
}
```

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 #876484 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #876484
}
```

## Border

The CSS property to change the border of an element to Hex 876484 is called "border". The border property can be set on classes, ids or directly on the HTML element.

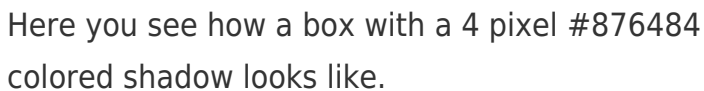
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#876484 }
```

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

```
.border{ border-color:#876484 }
```

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



Here you see how a box with a 4 pixel #876484 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #876484; -webkit-box-shadow:4px 4px  
4px 4px #876484; box-shadow:4px 4px 4px  
4px #876484 }
```

# Background

The CSS property to change the background color of an element to Hex 876484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#876484 }
```

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

```
.background{ background-color:#876484 }
```

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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