

# Converting Colors

Hex(876087)

Have a look what the booklet for  
Hex(876087) contains.

<b>Hex(876087)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(876087)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	876087
RGB	135, 96, 135
RGB Percent	53%, 38%, 53%
CMY	0.4706, 0.6235, 0.4706
CMYK	0.00, 0.29, 0.00, 0.47
HSL	300°, 17%, 45%
HSV	300°, 29%, 53%
XYZ	18.5477, 15.2659, 24.8907
YIQ	112.1070, 10.7250, 20.3970

# Conversions

## Conversions Part 2

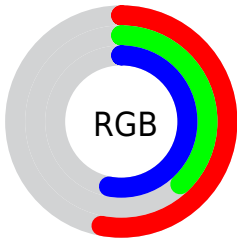
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 96, 135
Decimal	8872071
CIE <sub>Lab</sub>	46.00, 22.79, -15.40
CIE <sub>LCh</sub>	46, 27.505, 325.953
Yxy	15.2659, 0.3160, 0.2600
Android (android.graphics.Color)	4287062151 (0xFF876087)
YUV	112.1070, 11.2862, 20.0772
Hunter-Lab	39.0716, 16.3606, -10.4208

# Details

The Hex color **876087** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **608760**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **BD93BC**, and **543155** is the 20% darker color. If you saturate the color by 10%, you get **875287**, and if you desaturate by 10%, it is **876E87**.

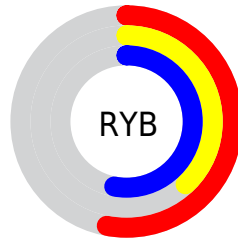
# Distribution



Red (53%)

Green (38%)

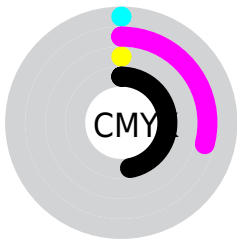
Blue (53%)



Red (53%)

Yellow (38%)

Blue (53%)

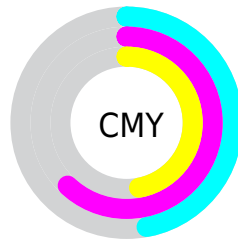


Cyan (0%)

Magenta (29%)

Yellow (0%)

Black (47%)



Cyan (47%)

Magenta (62%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 876087 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 876087 by changing the saturation by 10% instead.



■ 876087

■ 876087

FFFFFF

■ 6D486E

■ BD93BC

■ 543155

■ D9AED8

■ 3D1B3E

■ F5C9F5

■ 260428

■ FFE6FF

■ 050013

■ 000000

■ 876087

■ 876087

■ 875287

■ 876E87

■ 874587

■ 877B87

873887

878987

872A87

879687

871D87

87A387

870F87

87B187

870287

87BE87

870087

87CC87

87DA87

# Harmonies

## Analogous

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



6B6896



876087



975B71

# Triad

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



876087



7F6A3F



087980

# Complementary

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



876087



608760

# 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.



2D7969



876087



687243

# Square

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



876087



916248



4C7752



1B7692

# Rectangle

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



876087



9A5B61



4C7752



157979



# Sweetspot

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



876087



B0A0B0



606087



594F59



D9D9D9



595959



# Same Dimension

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



876087



B072B0



876074



423C42



820082



030003



# Inverse Universe

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



876087



B072B0



608774



423C42



820082

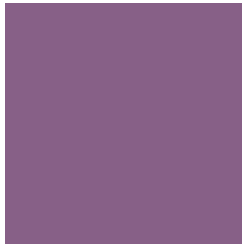


030003



# Previews

## White Background



This preview shows how the Hex color 876087 looks on a white background.

## Color Contrast Check

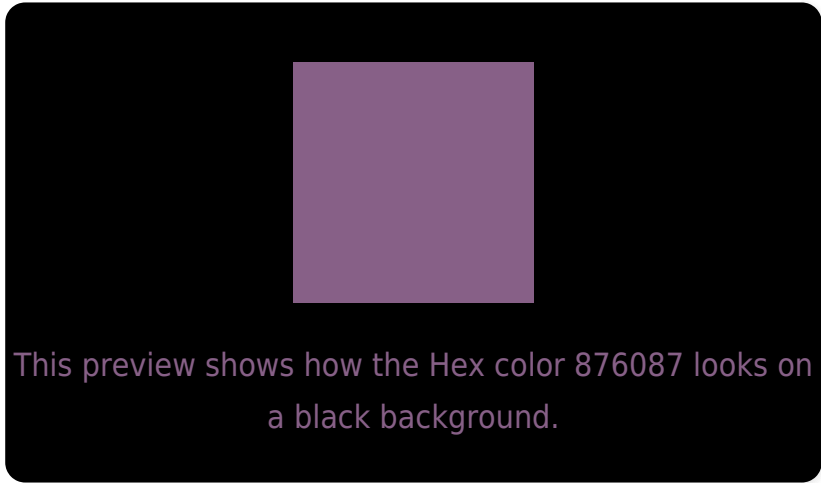
Large Text (above 18pt) WCAG AA ✓ Pass

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

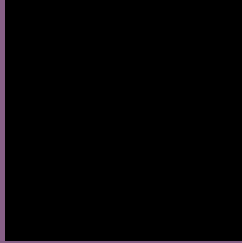
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 876087 Background



This preview shows how black text looks on a background with the Hex color 876087.




This preview shows how white text looks on a background with the Hex color 876087.

# 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**  
83656D

# Trichromacy



**Original Color**  
876087

**Protanomaly**  
71688D

**Deuteranomaly**  
766786

**Tritanomaly**  
846376

# Monochromacy



**Original Color**  
876087

**Achromatopsia**  
707070

**Achromatomaly**  
786A78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 876087 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 #876087 looks like.

```
.text, #text, p{  
    color:#876087  
}
```

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 #876087 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #876087
}
```

## Border

The CSS property to change the border of an element to Hex 876087 is called "border". The border property can be set on classes, ids or directly on the HTML element.

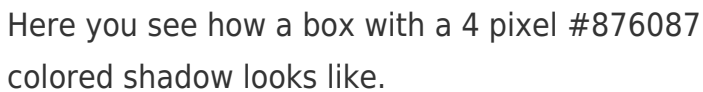
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#876087 }
```

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

```
.border{ border-color:#876087 }
```

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



Here you see how a box with a 4 pixel #876087 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #876087; -webkit-box-shadow:4px 4px  
4px 4px #876087; box-shadow:4px 4px 4px  
4px #876087 }
```

# Background

The CSS property to change the background color of an element to Hex 876087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#876087 }
```

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

```
.background{ background-color:#876087 }
```

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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