

Converting Colors

Hex(876386)

Have a look what the booklet for
Hex(876386) contains.

Hex(876386)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(876386)

Conversions

Conversions Part 1

Format	Color
Hex	876386
RGB	135, 99, 134
RGB Percent	53%, 39%, 53%
CMY	0.4706, 0.6118, 0.4745
CMYK	0.00, 0.27, 0.01, 0.47
HSL	302°, 15%, 46%
HSV	302°, 27%, 53%
XYZ	18.7566, 15.7958, 24.6146
YIQ	113.7540, 10.2210, 18.5170

Conversions

Conversions Part 2

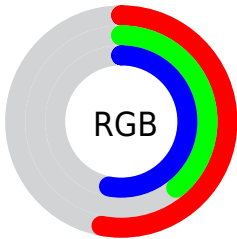
Format	Color
RYB	135, 99, 134
Decimal	8872838
CIELab	46.71, 20.82, -13.72
CIElCh	47, 24.934, 326.608
Yxy	15.7958, 0.3170, 0.2670
Android (android.graphics.Color)	4287062918 (0xFF876386)
YUV	113.7540, 9.9813, 18.6327
Hunter-Lab	39.7439, 14.6887, -8.8993

Details

The Hex color **876386** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **638764**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **BD96BB**, and **553454** is the 20% darker color. If you saturate the color by 10%, you get **875686**, and if you desaturate by 10%, it is **877186**.

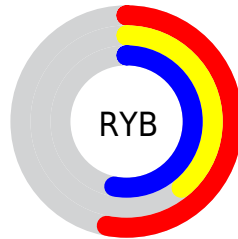
Distribution



Red (53%)

Green (39%)

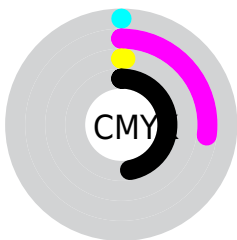
Blue (53%)



Red (53%)

Yellow (39%)

Blue (53%)

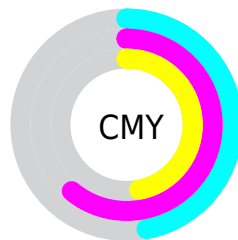


Cyan (0%)

Magenta (27%)

Yellow (1%)

Black (47%)



Cyan (47%)

Magenta (61%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 876386 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 876386 by changing the saturation by 10% instead.

876386

876386

FFFFFF

6D4B6D

BD96BB

553454

D9B1D7

3D1E3D

F5CDF3

260827

FFE9FF

080012

000000

876386

876386

875686

877186

874885

877E87

873A85

878B87

872D85

879988

871F84

87A788

871284

87B488

870483

87C289

870083

87CF89

87DD89

Harmonies

Analogous

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



6E6A94



876386



955F72

Triad

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



876386



7F6D45



247A81

Complementary

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



876386



638764

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.



387A6B



876386



6A7349

Square

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



876386



8F654C



517857



2E7791

Rectangle

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



876386



985F64



517857



297A7A

Sweetspot

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



876386



B0A2B0



646387



595059



D9D9D9



595959

Same Dimension

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



876386



B078AE



876374



423C42



82007E



030002

Inverse Universe

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



876386



B078AE



638776



423C42



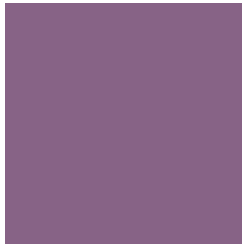
82007E



030002

Previews

White Background



This preview shows how the Hex color 876386 looks on a white background.

Color Contrast Check

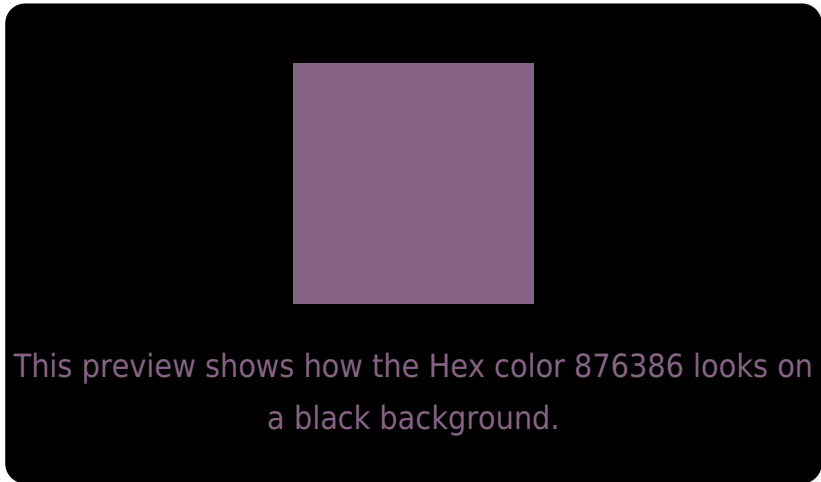
Large Text (above 18pt) WCAG AA ✓ Pass

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

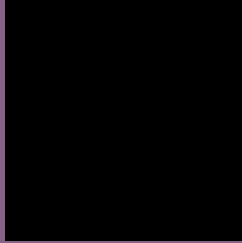
Any Text WCAG AA × Fail

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 876386 Background



This preview shows how black text looks on a background with the Hex color 876386.




This preview shows how white text looks on a background with the Hex color 876386.

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
84676F

Trichromacy



Original Color
876386

Protanomaly
736A8B

Deuteranomaly
786985

Tritanomaly
856677

Monochromacy



Original Color
876386

Achromatopsia
727272

Achromatomaly
7A6D79

CSS Examples

Text

The CSS property to change the color of the text to Hex 876386 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 #876386 looks like.

```
.text, #text, p{  
    color:#876386  
}
```

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 #876386 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #876386
}
```

Border

The CSS property to change the border of an element to Hex 876386 is called "border". The border property can be set on classes, ids or directly on the HTML element.

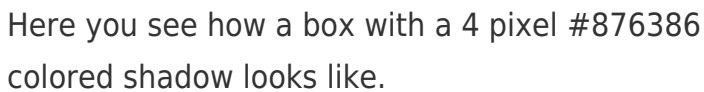
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#876386 }
```

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

```
.border{ border-color:#876386 }
```

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



Here you see how a box with a 4 pixel #876386 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #876386; -webkit-box-shadow:4px 4px  
4px 4px #876386; box-shadow:4px 4px 4px  
4px #876386 }
```

Background

The CSS property to change the background color of an element to Hex 876386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#876386 }
```

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

```
.background{ background-color:#876386 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor