

# Converting Colors

Hex(873386)

Have a look what the booklet for  
Hex(873386) contains.

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# Color

**Hex(873386)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	873386
RGB	135, 51, 134
RGB Percent	53%, 20%, 53%
CMY	0.4706, 0.8000, 0.4745
CMYK	0.00, 0.62, 0.01, 0.47
HSL	301°, 45%, 36%
HSV	301°, 62%, 53%
XYZ	15.4786, 9.2398, 23.5219
YIQ	85.5780, 23.4210, 43.6210

# Conversions

## Conversions Part 2

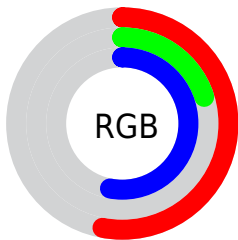
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 51, 134
Decimal	8860550
CIE <sub>Lab</sub>	36.44, 47.00, -29.59
CIE <sub>LCh</sub>	36, 55.540, 327.809
Yxy	9.2398, 0.3209, 0.1915
Android (android.graphics.Color)	4287050630 (0xFF873386)
YUV	85.5780, 23.8720, 43.3431
Hunter-Lab	30.3970, 37.6999, -24.6021

# Details

The Hex color **873386** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **338734**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **BE67BC**, and **520054** is the 20% darker color. If you saturate the color by 10%, you get **872586**, and if you desaturate by 10%, it is **874186**.

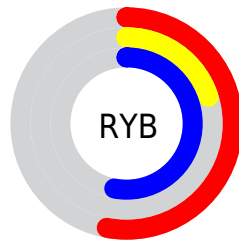
# Distribution



Red (53%)

Green (20%)

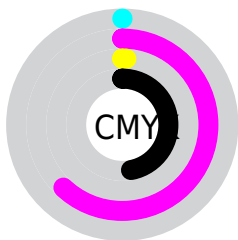
Blue (53%)



Red (53%)

Yellow (20%)

Blue (53%)

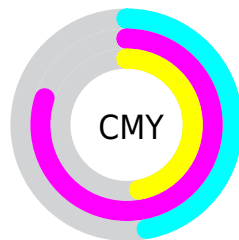


Cyan (0%)

Magenta (62%)

Yellow (1%)

Black (47%)



Cyan (47%)

Magenta (80%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 873386 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 873386 by changing the saturation by 10% instead.



 873386

 873386

FFFFFF

 6C176C

 BE67BC

 520054

 DB82D7

 39003C

 F89DF4

 220026

 FFB9FF

 00010F

 FFD5FF

 000000

 FFF2FF

 873386

 873386

 872586

 874186

■ 871886

■ 874E86

■ 870A86

■ 875C86

■ 870085

■ 876987

■ 877787

■ 878487

■ 879287

■ 879F87

■ 87AC87

# Harmonies

## Analogous

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



4A4BA6



873386



A11F5B

# Triad

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



873386



6B5300



00697E

# Complementary

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



873386



338734

# 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.



006951



873386



405F00

# Square

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



873386



8C4000



006622



0066A1

# Rectangle

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



873386



A3223D



006622



006970



# Sweetspot

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



873386



B08FB0



333387



594559



D9D9D9



595959



# Same Dimension

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



873386



B02CAE



87335D



423C42



820081



030003



# Inverse Universe

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



873386



B02CAE



33875D



423C42



820081



030003



# Previews

## White Background



This preview shows how the Hex color 873386 looks on a white background.

## Color Contrast Check

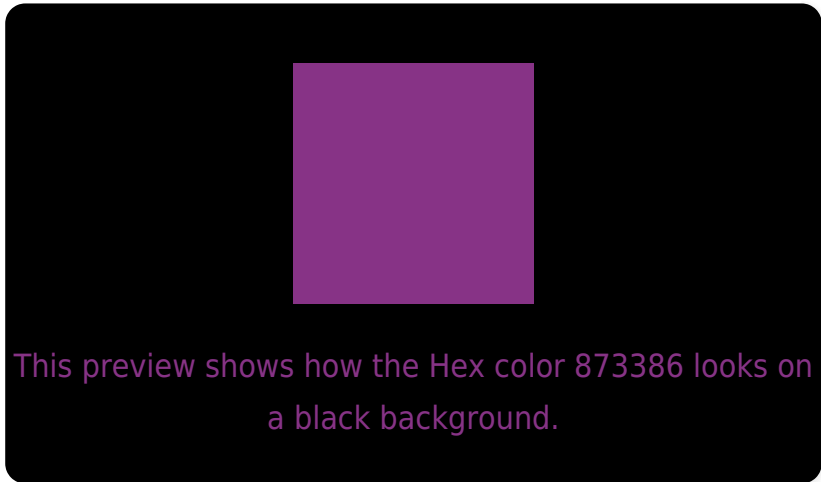
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

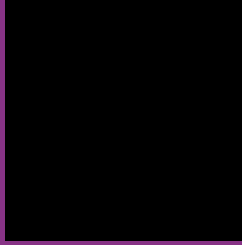
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 873386 Background



This preview shows how black text looks on a background with the Hex color 873386.

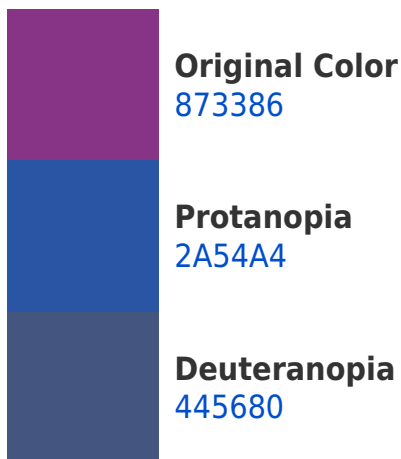



This preview shows how white text looks on a background with the Hex color 873386.

# 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**  
80454A

# Trichromacy



**Original Color**  
873386



**Protanomaly**  
4C4899



**Deuteranomaly**  
5C4982



**Tritanomaly**  
833E60

# Monochromacy



**Original Color**  
873386



**Achromatopsia**  
565656



**Achromatomaly**  
684967

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 873386 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 #873386 looks like.

```
.text, #text, p{  
    color:#873386  
}
```

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 #873386 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #873386
}
```

## Border

The CSS property to change the border of an element to Hex 873386 is called "border". The border property can be set on classes, ids or directly on the HTML element.

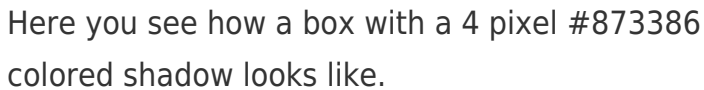
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#873386 }
```

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

```
.border{ border-color:#873386 }
```

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



Here you see how a box with a 4 pixel #873386 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #873386; -webkit-box-shadow:4px 4px  
4px 4px #873386; box-shadow:4px 4px 4px  
4px #873386 }
```

# Background

The CSS property to change the background color of an element to Hex 873386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#873386 }
```

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

```
.background{ background-color:#873386 }
```

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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