

# Converting Colors

Hex(8A3874)

Have a look what the booklet for  
Hex(8A3874) contains.

<b>Hex(8A3874)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(8A3874)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A3874
RGB	138, 56, 116
RGB Percent	54%, 22%, 45%
CMY	0.4588, 0.7804, 0.5451
CMYK	0.00, 0.59, 0.16, 0.46
HSL	316°, 42%, 38%
HSV	316°, 59%, 54%
XYZ	15.0478, 9.4926, 17.5621
YIQ	87.3580, 29.6120, 36.0440

# Conversions

## Conversions Part 2

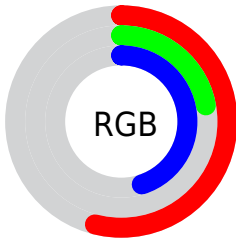
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 56, 116
Decimal	9058420
CIE <sub>Lab</sub>	36.92, 42.40, -17.63
CIE <sub>LCh</sub>	37, 45.923, 337.419
Yxy	9.4926, 0.3574, 0.2255
Android (android.graphics.Color)	4287248500 (0xFF8A3874)
YUV	87.3580, 14.1205, 44.4130
Hunter-Lab	30.8100, 33.2629, -12.2291

# Details

The Hex color **8A3874** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **388A4E**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **C26BA8**, and **550044** is the 20% darker color. If you saturate the color by 10%, you get **8A2A70**, and if you desaturate by 10%, it is **8A4678**.

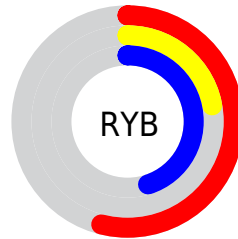
# Distribution



Red (54%)

Green (22%)

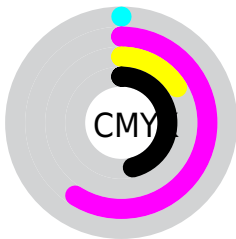
Blue (45%)



Red (54%)

Yellow (22%)

Blue (45%)

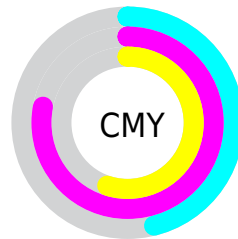


Cyan (0%)

Magenta (59%)

Yellow (16%)

Black (46%)



Cyan (46%)

Magenta (78%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A3874 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 8A3874 by changing the saturation by 10% instead.



 8A3874

 8A3874

FFFFFF

 6F1E5B

 C26BA8

 550044

 DE86C3

 3C002D

 FCA1DF

 250019

 FFBDFC

 000000

 FFD9FF

 FFF6FF

 8A3874

 8A3874

 8A2A70

 8A4678

■ 8A1C6D

■ 8A547B

■ 8A0F69

■ 8A617F

■ 8A0165

■ 8A6F83

■ 8A0065

■ 8A7D87

■ 8A8B8A

■ 8A998E

■ 8AA692

■ 8AB495

# Harmonies

## Analogous

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



634992



8A3874



99314F

# Triad

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



8A3874



605800



006783

# Complementary

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



8A3874



388A4E

# 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.



00685F



8A3874



396115

# Square

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



8A3874



7F4B0C



006639



00629B

# Rectangle

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



8A3874



973637



006639



006878



# Sweetspot

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



8A3874



B392AA



4E388A



594654



D9D9D9



595959



# Same Dimension

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



8A3874



B33490



8A384B



453E43



850061



050004



# Inverse Universe

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



8A3874



B33490



388A77



453E43



850061



050004



# Previews

## White Background



This preview shows how the Hex color 8A3874 looks on a white background.

## Color Contrast Check

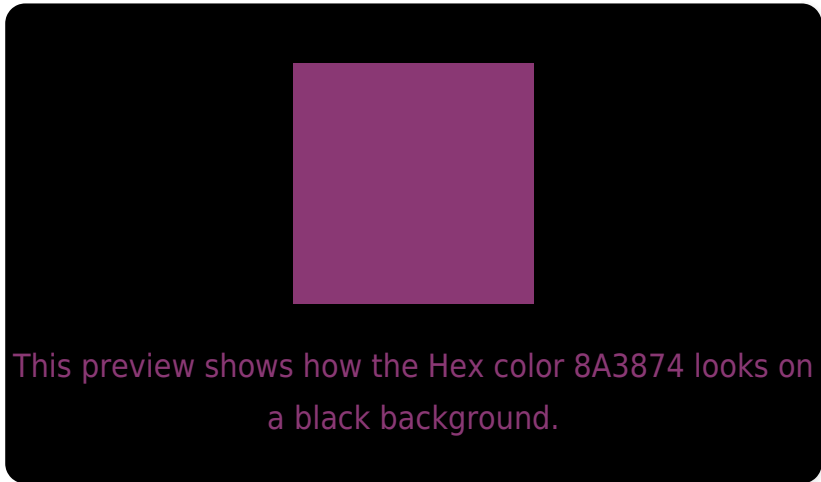
Large Text (above 18pt) WCAG AA ✓ Pass

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

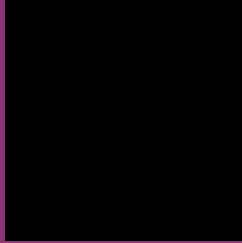
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8A3874 Background



This preview shows how black text looks on a background with the Hex color 8A3874.



This preview shows how white text looks on a background with the Hex color 8A3874.

# 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**  
8A3874

**Protanopia**  
43568C

**Deuteranopia**  
54566F



**Tritanopia**  
864348

# Trichromacy



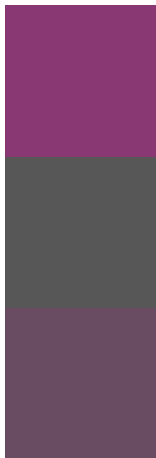
**Original Color**  
8A3874

**Protanomaly**  
5D4B83

**Deuteranomaly**  
684B71

**Tritanomaly**  
873F58

# Monochromacy



**Original Color**  
8A3874

**Achromatopsia**  
575757

**Achromatomaly**  
6A4C62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A3874 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 #8A3874 looks like.

```
.text, #text, p{  
    color:#8A3874  
}
```

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 #8A3874 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A3874
}
```

## Border

The CSS property to change the border of an element to Hex 8A3874 is called "border". The border property can be set on classes, ids or directly on the HTML element.

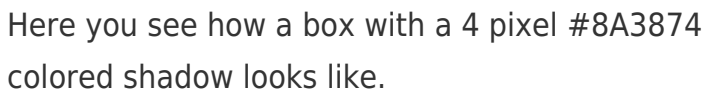
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A3874 }
```

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

```
.border{ border-color:#8A3874 }
```

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



Here you see how a box with a 4 pixel #8A3874 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A3874; -webkit-box-shadow:4px 4px  
4px 4px #8A3874; box-shadow:4px 4px 4px  
4px #8A3874 }
```

# Background

The CSS property to change the background color of an element to Hex 8A3874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A3874 }
```

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

```
.background{ background-color:#8A3874 }
```

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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