

# Converting Colors

Hex(8A4376)

Have a look what the booklet for  
Hex(8A4376) contains.

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# Color

**Hex(8A4376)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A4376
RGB	138, 67, 118
RGB Percent	54%, 26%, 46%
CMY	0.4588, 0.7373, 0.5373
CMYK	0.00, 0.51, 0.14, 0.46
HSL	317°, 35%, 40%
HSV	317°, 51%, 54%
XYZ	15.7584, 10.7256, 18.3792
YIQ	94.0430, 25.9450, 30.9130

# Conversions

## Conversions Part 2

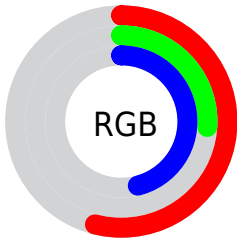
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 67, 118
Decimal	9061238
CIE <sub>Lab</sub>	39.11, 37.12, -15.51
CIE <sub>LCh</sub>	39, 40.227, 337.327
Yxy	10.7256, 0.3513, 0.2391
Android (android.graphics.Color)	4287251318 (0xFF8A4376)
YUV	94.0430, 11.8108, 38.5503
Hunter-Lab	32.7499, 28.5770, -10.3485

# Details

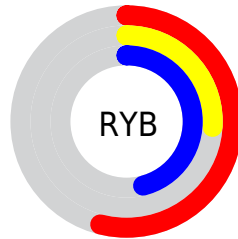
The Hex color **8A4376** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **438A57**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **C176AA**, and **561046** is the 20% darker color. If you saturate the color by 10%, you get **8A3572**, and if you desaturate by 10%, it is **8A517A**.

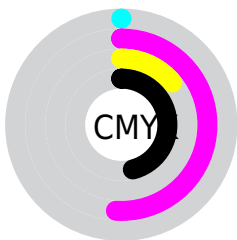
# Distribution



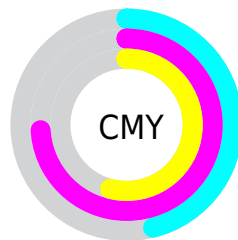
- Red (54%)
- Green (26%)
- Blue (46%)



- Red (54%)
- Yellow (26%)
- Blue (46%)



- Cyan (0%)
- Magenta (51%)
- Yellow (14%)
- Black (46%)



- Cyan (46%)
- Magenta (74%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A4376 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 8A4376 by changing the saturation by 10% instead.



8A4376

8A4376

FFFFFF

6F2A5D

C176AA

561046

DE90C6

3D002F

FBABE2

28001B

FFC7FE

000000

FFE3FF

8A4376

8A4376

8A3572

8A517A

8A276E

8A5F7E

 8A1A6A

 8A6C82

 8A0C66

 8A7A86

 8A0063

 8A8889

 8A968D

 8AA491

 8AB195

 8ABF99

# Harmonies

## Analogous

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



685090



8A4376



983E55

# Triad

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



8A4376



665D15



006B83

# Complementary

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



8A4376



438A57

# 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.



006C63



8A4376



436525

# Square

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



8A4376



81511E



006A42



006698

# Rectangle

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



8A4376



974140



006A42



006C79



# Sweetspot

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



8A4376



B398AB



56438A



594955



D9D9D9



595959



# Same Dimension

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



8A4376



B34493



8A4354



453E43



85005F



050004



# Inverse Universe

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



8A4376



B34493



438A79



453E43



85005F

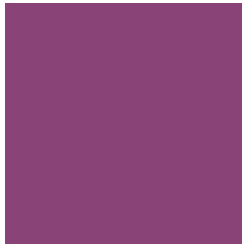


050004



# Previews

## White Background



This preview shows how the Hex color 8A4376 looks on a white background.

## Color Contrast Check

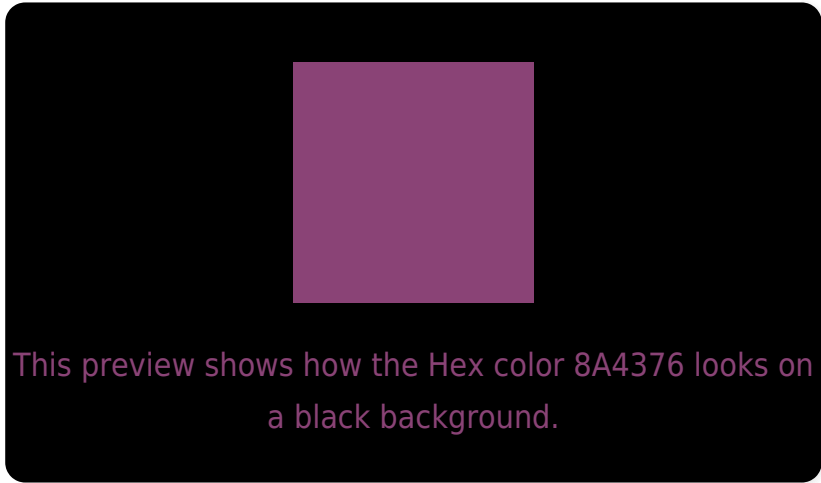
Large Text (above 18pt) WCAG AA ✓ Pass

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

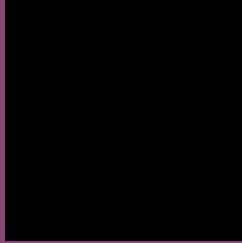
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8A4376 Background



This preview shows how black text looks on a background with the Hex color 8A4376.

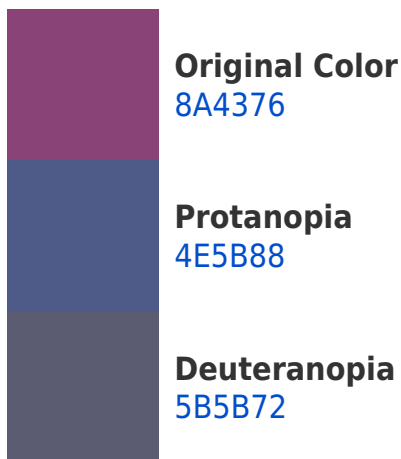


This preview shows how white text looks on a background with the Hex color 8A4376.

# 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**  
864B51

# Trichromacy



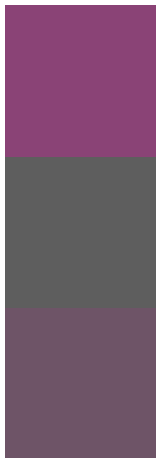
**Original Color**  
8A4376

**Protanomaly**  
645281

**Deuteranomaly**  
6C5273

**Tritanomaly**  
87485E

# Monochromacy



**Original Color**  
8A4376

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
6E5467

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A4376 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 #8A4376 looks like.

```
.text, #text, p{  
    color:#8A4376  
}
```

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 #8A4376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A4376
}
```

## Border

The CSS property to change the border of an element to Hex 8A4376 is called "border". The border property can be set on classes, ids or directly on the HTML element.

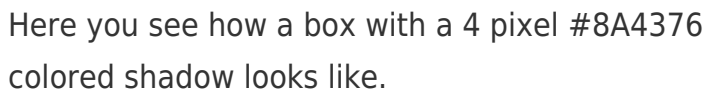
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A4376 }
```

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

```
.border{ border-color:#8A4376 }
```

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



Here you see how a box with a 4 pixel #8A4376 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A4376; -webkit-box-shadow:4px 4px  
4px 4px #8A4376; box-shadow:4px 4px 4px  
4px #8A4376 }
```

# Background

The CSS property to change the background color of an element to Hex 8A4376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A4376 }
```

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

```
.background{ background-color:#8A4376 }
```

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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