

# Converting Colors

Hex(8D4E73)

Have a look what the booklet for  
Hex(8D4E73) contains.

<b>Hex(8D4E73)</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(8D4E73)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8D4E73
RGB	141, 78, 115
RGB Percent	55%, 31%, 45%
CMY	0.4471, 0.6941, 0.5490
CMYK	0.00, 0.45, 0.18, 0.45
HSL	325°, 29%, 43%
HSV	325°, 45%, 55%
XYZ	16.8034, 12.3493, 17.7177
YIQ	101.0550, 25.6710, 24.8630

# Conversions

## Conversions Part 2

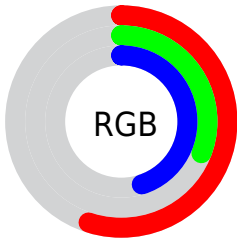
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 78, 115
Decimal	9260659
CIELab	41.77, 31.63, -9.59
CIElCh	42, 33.054, 343.130
Yxy	12.3493, 0.3585, 0.2635
Android (android.graphics.Color)	4287450739 (0xFF8D4E73)
YUV	101.0550, 6.8749, 35.0318
Hunter-Lab	35.1416, 23.8544, -5.2937

# Details

The Hex color **8D4E73** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4E8D68**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **C481A7**, and **591E43** is the 20% darker color. If you saturate the color by 10%, you get **8D406D**, and if you desaturate by 10%, it is **8D5C79**.

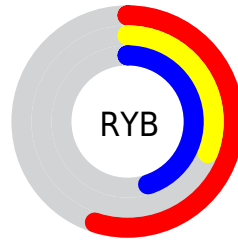
# Distribution



Red (55%)

Green (31%)

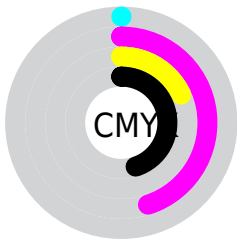
Blue (45%)



Red (55%)

Yellow (31%)

Blue (45%)

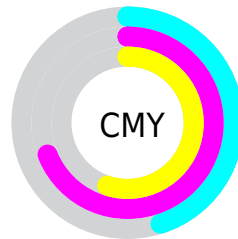


Cyan (0%)

Magenta (45%)

Yellow (18%)

Black (45%)



Cyan (45%)

Magenta (69%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D4E73 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 8D4E73 by changing the saturation by 10% instead.



8D4E73

8D4E73

FFFFFF

73365A

C481A7

591E43

E09BC2

40042D

FEB6DE

2B0019

FFD2FB

000000

FFEFFF

8D4E73

8D4E73

8D406D

8D5C79

8D3267

8D6A7F

 8D2462

 8D7884

 8D165C

 8D868A

 8D0856

 8D9590

 8D0053

 8DA396

 8DB19C

 8DBFA2

 8DCDA7

# Harmonies

## Analogous

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



74578A



8D4E73



964C58

# Triad

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



8D4E73



67652C



006F87

# Complementary

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



8D4E73



4E8D68

# 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.



00706E



8D4E73



496C39

# Square

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



8D4E73



805C2E



1F6F52



006A96

# Rectangle

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



8D4E73



944F46



1F6F52



00707F



# Sweetspot

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



8D4E73



B8A0AE



674E8D



5C4D56



DBDBDB



5C5C5C



# Same Dimension

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



8D4E73



B8548F



8D4E54



474044



87004F



080004



# Inverse Universe

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



8D4E73



B8548F



4E8D87



474044



87004F

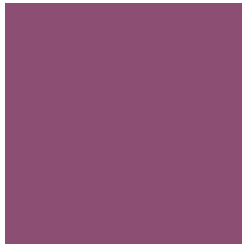


080004



# Previews

## White Background



This preview shows how the Hex color 8D4E73 looks on a white background.

## Color Contrast Check

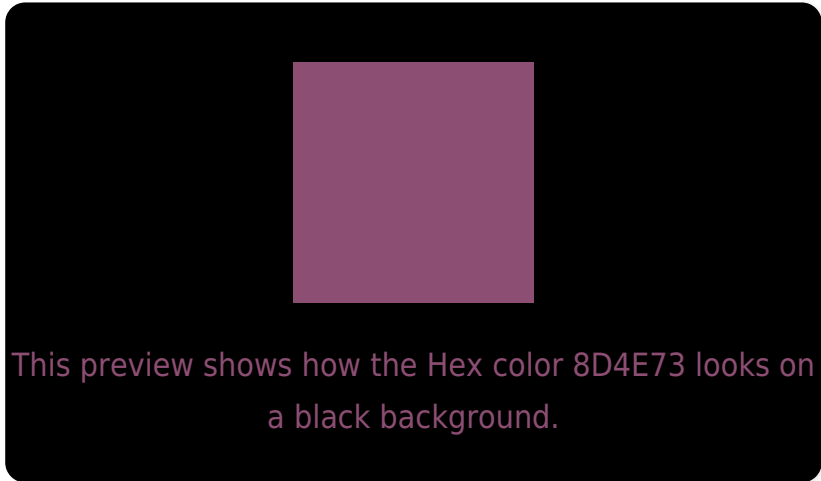
Large Text (above 18pt) WCAG AA ✓ Pass

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

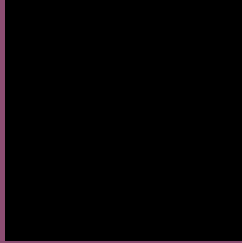
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8D4E73 Background



This preview shows how black text looks on a background with the Hex color 8D4E73.



This preview shows how white text looks on a background with the Hex color 8D4E73.

# 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**  
8D4E73

**Protanopia**  
5B6281

**Deuteranopia**  
676070



**Tritanopia**  
8A5359

# Trichromacy



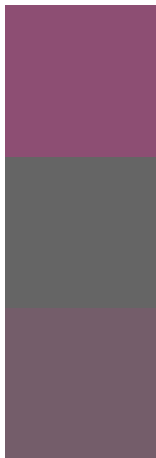
**Original Color**  
8D4E73

**Protanomaly**  
6D5B7C

**Deuteranomaly**  
755971

**Tritanomaly**  
8B5162

# Monochromacy



**Original Color**  
8D4E73

**Achromatopsia**  
656565

**Achromatomaly**  
745D6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D4E73 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 #8D4E73 looks like.

```
.text, #text, p{  
    color:#8D4E73  
}
```

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 #8D4E73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D4E73
}
```

## Border

The CSS property to change the border of an element to Hex 8D4E73 is called "border". The border property can be set on classes, ids or directly on the HTML element.

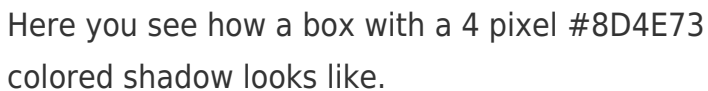
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8D4E73 }
```

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

```
.border{ border-color:#8D4E73 }
```

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



Here you see how a box with a 4 pixel #8D4E73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D4E73; -webkit-box-shadow:4px 4px  
4px 4px #8D4E73; box-shadow:4px 4px 4px  
4px #8D4E73 }
```

# Background

The CSS property to change the background color of an element to Hex 8D4E73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D4E73 }
```

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

```
.background{ background-color:#8D4E73 }
```

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