

# Converting Colors

Hex(4A137E)

Have a look what the booklet for  
Hex(4A137E) contains.

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# Color

**Hex(4A137E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4A137E
RGB	74, 19, 126
RGB Percent	29%, 7%, 49%
CMY	0.7098, 0.9255, 0.5059
CMYK	0.41, 0.85, 0.00, 0.51
HSL	271°, 74%, 28%
HSV	271°, 85%, 49%
XYZ	6.8228, 3.4279, 20.0407
YIQ	47.6430, -1.5670, 44.9370

# Conversions

## Conversions Part 2

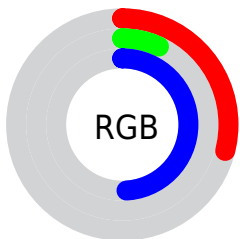
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 19, 126
Decimal	4854654
CIE <sub>Lab</sub>	21.68, 45.38, -48.80
CIE <sub>LCh</sub>	22, 66.635, 312.920
Yxy	3.4279, 0.2252, 0.1132
Android (android.graphics.Color)	4283044734 (0xFF4A137E)
YUV	47.6430, 38.6300, 23.1151
Hunter-Lab	18.5147, 33.3778, -51.2164

# Details

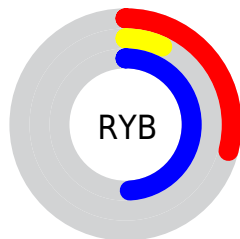
The Hex color **4A137E** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **477E13**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **8046B4**, and **15004C** is the 20% darker color. If you saturate the color by 10%, you get **44067E**, and if you desaturate by 10%, it is **50207E**.

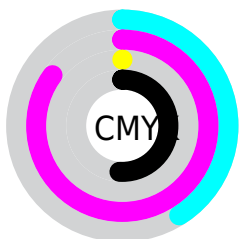
# Distribution



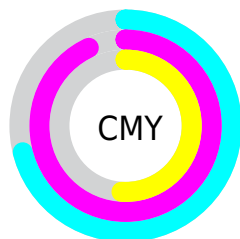
- Red (29%)
- Green (7%)
- Blue (49%)



- Red (29%)
- Yellow (7%)
- Blue (49%)



- Cyan (41%)
- Magenta (85%)
- Yellow (0%)
- Black (51%)



- Cyan (71%)
- Magenta (93%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A137E 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 4A137E by changing the saturation by 10% instead.



 4A137E

 4A137E

FFFFFF

 2F0064

 8046B4

 15004C

 9C60D0

 000034

 B879EC

 00021E

 D594FF

 000000

 F2AFFF

 FFCBFF

 FFE8FF

 4A137E

 4A137E

■ 44067E

■ 50207E

■ 41007E

■ 562C7E

■ 5C397E

■ 62457E

■ 69527E

■ 6F5F7E

■ 756B7E

■ 7B787E

■ 81847E

# Harmonies

## Analogous

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



003597



4A137E



790052

# Triad

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



4A137E



572700



004649

# Complementary

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



4A137E



477E13

# 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.



004414



4A137E



2D3900

# Square

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



4A137E



750000



004100



004678

# Rectangle

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



4A137E



830032



004100



004538



# Sweetspot

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



4A137E



8F7AA3



13497E



463952



D1D1D1



525252



# Same Dimension

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



4A137E



5400A3



7E137E



3D3940



420080



000000



# Inverse Universe

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



7E1347



A3004F



137E13



40393C



80003E

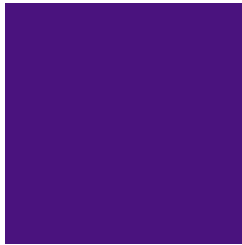


000000



# Previews

## White Background



This preview shows how the Hex color 4A137E looks on a white background.

## Color Contrast Check

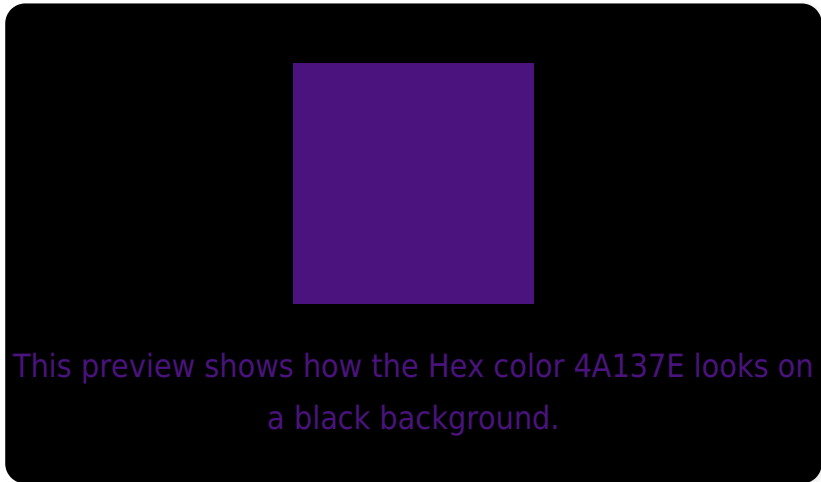
Large Text (above 18pt) WCAG AA ✓ Pass

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

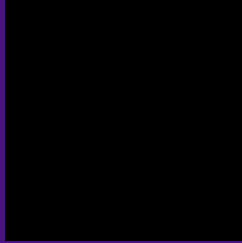
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4A137E Background



This preview shows how black text looks on a background with the Hex color 4A137E.



This preview shows how white text looks on a background with the Hex color 4A137E.

# 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**  
4A137E

**Protanopia**  
00346D

**Deuteranopia**  
00375E



**Tritanopia**  
3A3337

# Trichromacy



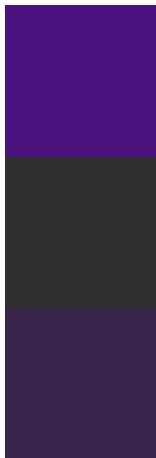
**Original Color**  
4A137E

**Protanomaly**  
1B2873

**Deuteranomaly**  
1B2A6A

**Tritanomaly**  
402751

# Monochromacy



**Original Color**  
4A137E

**Achromatopsia**  
303030

**Achromatomaly**  
39254C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A137E 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 #4A137E looks like.

```
.text, #text, p{  
    color:#4A137E  
}
```

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 #4A137E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A137E
}
```

## Border

The CSS property to change the border of an element to Hex 4A137E is called "border". The border property can be set on classes, ids or directly on the HTML element.

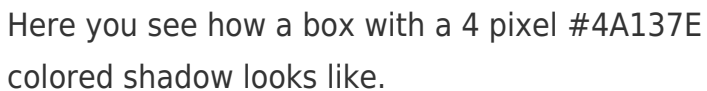
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A137E }
```

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

```
.border{ border-color:#4A137E }
```

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



Here you see how a box with a 4 pixel #4A137E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A137E; -webkit-box-shadow:4px 4px  
4px 4px #4A137E; box-shadow:4px 4px 4px  
4px #4A137E }
```

# Background

The CSS property to change the background color of an element to Hex 4A137E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A137E }
```

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

```
.background{ background-color:#4A137E }
```

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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