

Converting Colors

Hex(4A1370)

Have a look what the booklet for
Hex(4A1370) contains.

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Color

Hex(4A1370)

Conversions

Conversions Part 1

Format	Color
Hex	4A1370
RGB	74, 19, 112
RGB Percent	29%, 7%, 44%
CMY	0.7098, 0.9255, 0.5608
CMYK	0.34, 0.83, 0.00, 0.56
HSL	275°, 71%, 26%
HSV	275°, 83%, 44%
XYZ	5.9815, 3.0914, 15.6107
YIQ	46.0470, 2.9270, 40.5830

Conversions

Conversions Part 2

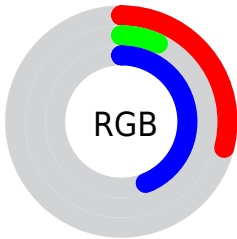
Format	Color
R_{YB}	74, 19, 112
Decimal	4854640
CIE _{Lab}	20.41, 41.96, -41.91
CIE _{LCh}	20, 59.301, 315.034
Yxy	3.0914, 0.2423, 0.1252
Android (android.graphics.Color)	4283044720 (0xFF4A1370)
YUV	46.0470, 32.5148, 24.5148
Hunter-Lab	17.5825, 29.9561, -40.3331




Details

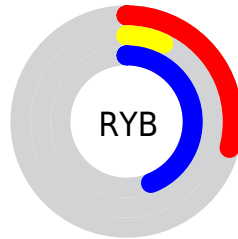
The Hex color **4A1370** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **397013**, and the grayscale version is **2E2E2E**.




A 20% lighter version of the original color is **7F45A5**, and **1B003F** is the 20% darker color. If you saturate the color by 10%, you get **450870**, and if you desaturate by 10%, it is **4F1E70**.

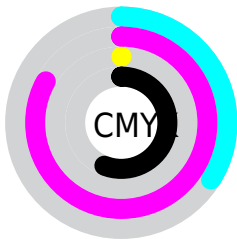
Distribution







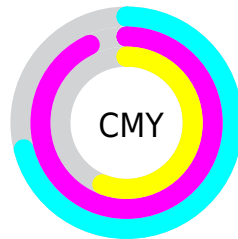
-  Red (29%)
-  Green (7%)
-  Blue (44%)






-  Red (29%)
-  Yellow (7%)
-  Blue (44%)



-  Cyan (34%)
-  Magenta (83%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (71%)
-  Magenta (93%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A1370 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 4A1370 by changing the saturation by 10% instead.

4A1370

4A1370

FFFFFF

300057

7F45A5

1B003F

9A5EC0

000228

B678DC

000112

D293F9

000000

EFAEFF

FFCAFF

FFE6FF

4A1370

4A1370

■ 450870

■ 4F1E70

■ 420070

■ 532970

■ 583570

■ 5C4070

■ 614B70

■ 655670

■ 6A6170

■ 6F6D70

■ 737870

Harmonies

Analogous

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



003088



4A1370



700049

Triad

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



4A1370



4F2700



004147

Complementary

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



4A1370



397013

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.



004019



4A1370



293600

Square

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



4A1370



6B0000



003D00



00416F

Rectangle

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



4A1370



78002C



003D00



004138

Sweetspot

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



4A1370



836D91



133A70



41344A



C9C9C9



4A4A4A

Same Dimension

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



4A1370



560091



701368



363238



470078



9200F7

Inverse Universe

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



701339



91003B



13701B



383235



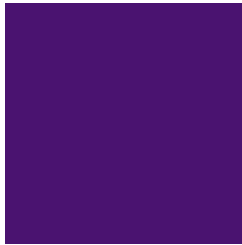
780031



F70065

Previews

White Background



This preview shows how the Hex color 4A1370 looks on a white background.

Color Contrast Check

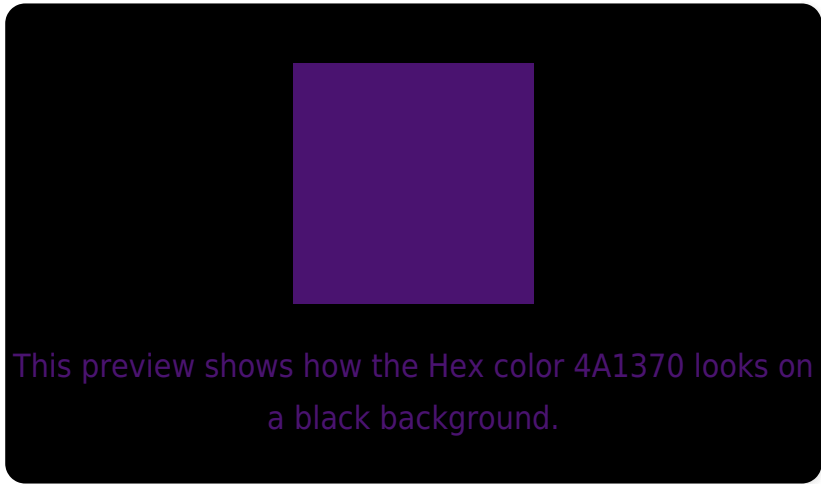
Large Text (above 18pt) WCAG AA ✓ Pass

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

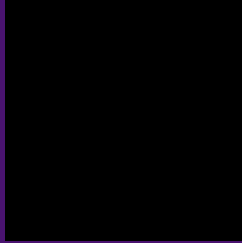
Any Text WCAG AA × Fail

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 4A1370 Background



This preview shows how black text looks on a background with the Hex color 4A1370.



This preview shows how white text looks on a background with the Hex color 4A1370.

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
4A1370

Protanopia
003167

Deuteranopia
00345A



Tritanopia
3E2E32

Trichromacy



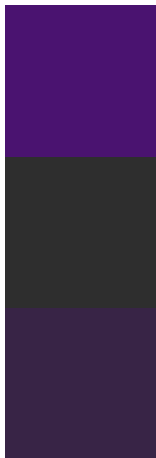
Original Color
4A1370

Protanomaly
1B266A

Deuteranomaly
1B2862

Tritanomaly
422449

Monochromacy



Original Color
4A1370

Achromatopsia
2E2E2E

Achromatomaly
382446

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A1370 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 #4A1370 looks like.

```
.text, #text, p{  
    color:#4A1370  
}
```

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 #4A1370 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A1370  
}
```

Border

The CSS property to change the border of an element to Hex 4A1370 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  
#4A1370 }
```

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

```
.border{ border-color:#4A1370 }
```

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

Here you see how a box with a 4 pixel #4A1370 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A1370; -webkit-box-shadow:4px 4px  
4px 4px #4A1370; box-shadow:4px 4px 4px  
4px #4A1370 }
```

Background

The CSS property to change the background color of an element to Hex 4A1370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A1370 }
```

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

```
.background{ background-color:#4A1370 }
```

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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