

Converting Colors

Hex(4A1A42)

Have a look what the booklet for
Hex(4A1A42) contains.

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Color

Hex(4A1A42)

Conversions

Conversions Part 1

Format	Color
Hex	4A1A42
RGB	74, 26, 66
RGB Percent	29%, 10%, 26%
CMY	0.7098, 0.8980, 0.7412
CMYK	0.00, 0.65, 0.11, 0.71
HSL	310°, 48%, 20%
HSV	310°, 65%, 29%
XYZ	4.1768, 2.5880, 5.4336
YIQ	44.9120, 15.7680, 22.6160

Conversions

Conversions Part 2

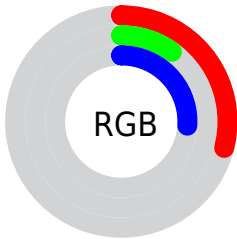
Format	Color
R_{YB}	74, 26, 66
Decimal	4856386
CIE _{Lab}	18.31, 28.55, -14.47
CIE _{LCh}	18, 32.007, 333.113
Yxy	2.5880, 0.3424, 0.2122
Android (android.graphics.Color)	4283046466 (0xFF4A1A42)
YUV	44.9120, 10.3964, 25.5102
Hunter-Lab	16.0872, 18.1922, -8.7649

Details

The Hex color **4A1A42** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1A4A22**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **7C4972**, and **1E0017** is the 20% darker color. If you saturate the color by 10%, you get **4A1341**, and if you desaturate by 10%, it is **4A2143**.

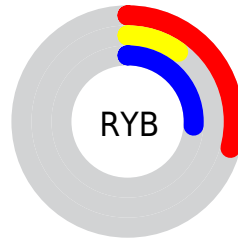
Distribution



Red (29%)

Green (10%)

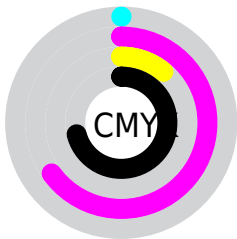
Blue (26%)



Red (29%)

Yellow (10%)

Blue (26%)

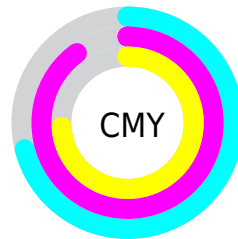


Cyan (0%)

Magenta (65%)

Yellow (11%)

Black (71%)



Cyan (71%)

Magenta (90%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A1A42 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 4A1A42 by changing the saturation by 10% instead.

■ 4A1A42

■ 4A1A42

FFFFFF

■ 32032C

■ 7C4972

■ 1E0017

■ 97618C

■ 000000

■ B27BA6

■ CE95C1

■ EAB0DD

■ FFCBFA

■ FFE8FF

■ 4A1A42

■ 4A1A42

■ 4A1341

■ 4A2143

■ 4A0B40

■ 4A2944

■ 4A043E

■ 4A3046

■ 4A003E

■ 4A3847

■ 4A3F48

■ 4A4649

■ 4A4E4B

■ 4A554C

■ 4A5D4D

Harmonies

Analogous

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



2F2554



4A1A42



55142B

Triad

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



4A1A42



362C00



003745

Complementary

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



4A1A42



1A4A22

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.



00372E



4A1A42



1E3200

Square

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



4A1A42



482300



003616



003456

Rectangle

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



4A1A42



55161C



003616



00373E

Sweetspot

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



4A1A42



614E5E



221A4A



30252F



B0B0B0



303030

Same Dimension

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



4A1A42



611554



4A1A2A



262226



660055



E600BF

Inverse Universe

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



4A1A42



611554



1A4A3A



262226



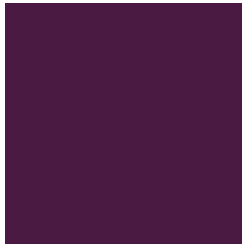
660055



E600BF

Previews

White Background



This preview shows how the Hex color 4A1A42 looks on a white background.

Color Contrast Check

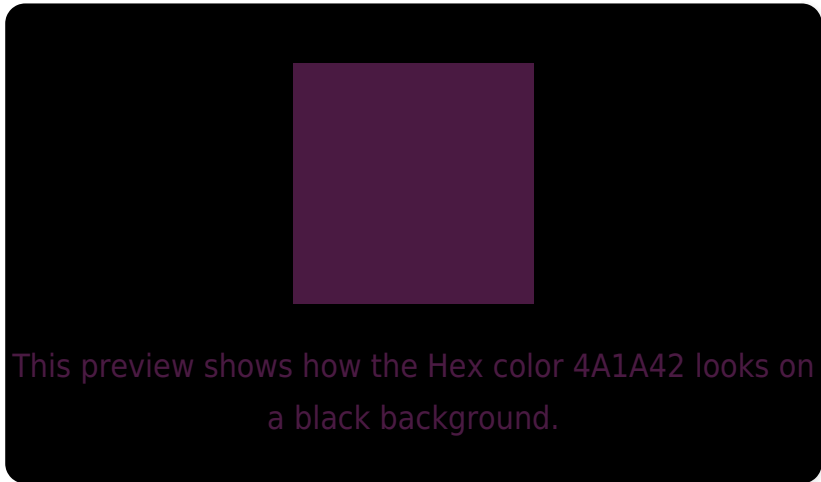
Large Text (above 18pt) WCAG AA ✓ Pass

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

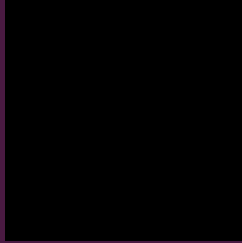
Any Text WCAG AA × Fail

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 4A1A42 Background



This preview shows how black text looks on a background with the Hex color 4A1A42.



This preview shows how white text looks on a background with the Hex color 4A1A42.

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
4A1A42

Protanopia
1C2D52

Deuteranopia
282D3F



Tritanopia
472225

Trichromacy



Original Color

4A1A42

Protanomaly

2D264C

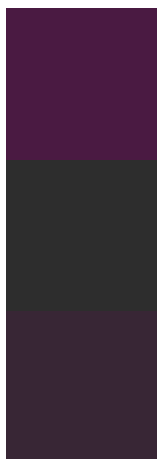
Deuteranomaly

342640

Tritanomaly

481F30

Monochromacy



Original Color

4A1A42

Achromatopsia

2D2D2D

Achromatomaly

382635

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A1A42 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 #4A1A42 looks like.

```
.text, #text, p{  
    color:#4A1A42  
}
```

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 #4A1A42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A1A42
}
```

Border

The CSS property to change the border of an element to Hex 4A1A42 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".

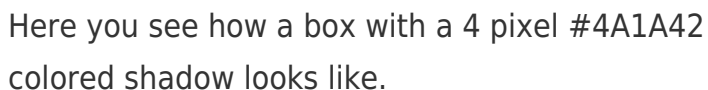
```
.border, #border, table{ border:4px solid
#4A1A42 }
```

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

```
.border{ border-color:#4A1A42 }
```

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

Here you see how a box with a 4 pixel #4A1A42 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A1A42; -webkit-box-shadow:4px 4px  
4px 4px #4A1A42; box-shadow:4px 4px 4px  
4px #4A1A42 }
```

Background

The CSS property to change the background color of an element to Hex 4A1A42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A1A42 }
```

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

```
.background{ background-color:#4A1A42 }
```

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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