

Converting Colors

Hex(4A2848)

Have a look what the booklet for
Hex(4A2848) contains.

Hex(4A2848)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4A2848)

Conversions

Conversions Part 1

Format	Color
Hex	4A2848
RGB	74, 40, 72
RGB Percent	29%, 16%, 28%
CMY	0.7098, 0.8431, 0.7176
CMYK	0.00, 0.46, 0.03, 0.71
HSL	304°, 30%, 22%
HSV	304°, 46%, 29%
XYZ	4.7525, 3.4413, 6.5446
YIQ	53.8140, 9.9920, 17.1600

Conversions

Conversions Part 2

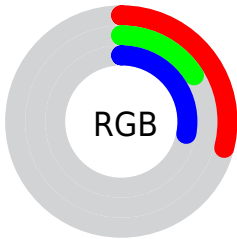
Format	Color
R_{YB}	74, 40, 72
Decimal	4859976
CIE _{Lab}	21.73, 21.57, -13.29
CIE _{LCh}	22, 25.336, 328.361
Yxy	3.4413, 0.3225, 0.2335
Android (android.graphics.Color)	4283050056 (0xFF4A2848)
YUV	53.8140, 8.9657, 17.7031
Hunter-Lab	18.5508, 13.2662, -7.9318




Details

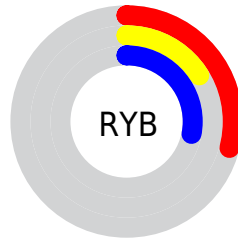
The Hex color **4A2848** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **284A2A**, and the grayscale version is **363636**.




A 20% lighter version of the original color is **7C5679**, and **20001D** is the 20% darker color. If you saturate the color by 10%, you get **4A2148**, and if you desaturate by 10%, it is **4A2F48**.

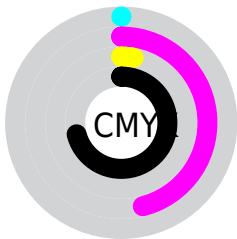
Distribution







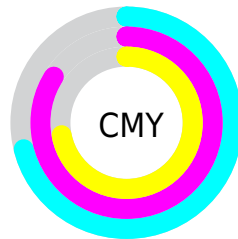
-  Red (29%)
-  Green (16%)
-  Blue (28%)






-  Red (29%)
-  Yellow (16%)
-  Blue (28%)



-  Cyan (0%)
-  Magenta (46%)
-  Yellow (3%)
-  Black (71%)



-  Cyan (71%)
-  Magenta (84%)
-  Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A2848 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 4A2848 by changing the saturation by 10% instead.



4A2848



4A2848

FFFFFF



331231



7C5679



20001D



966F92



000000



B189AD



CCA3C8



E9BEE4



FFDAFF



FFF7FF



4A2848



4A2848

■ 4A2148

■ 4A2F48

■ 4A1947

■ 4A3749

■ 4A1247

■ 4A3E49

■ 4A0A46

■ 4A464A

■ 4A0346

■ 4A4D4A

■ 4A0046

■ 4A544B

■ 4A5C4B

■ 4A634B

■ 4A6B4C

Harmonies

Analogous

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



333055



4A2848



552436

Triad

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



4A2848



3F330C



003D45

Complementary

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



4A2848



284A2A

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.



003D32



4A2848



2D3811

Square

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



4A2848



4E2C14



143C20



003B54

Rectangle

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



4A2848



572429



143C20



003D3F

Sweetspot

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



4A2848



615360



2A284A



302830



B0B0B0



303030

Same Dimension

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



4A2848



612C5E



4A2837



262226



660060



E600D8

Inverse Universe

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



4A2848



612C5E



284A3B



262226



660060



E600D8

Previews

White Background



This preview shows how the Hex color 4A2848 looks on a white background.

Color Contrast Check

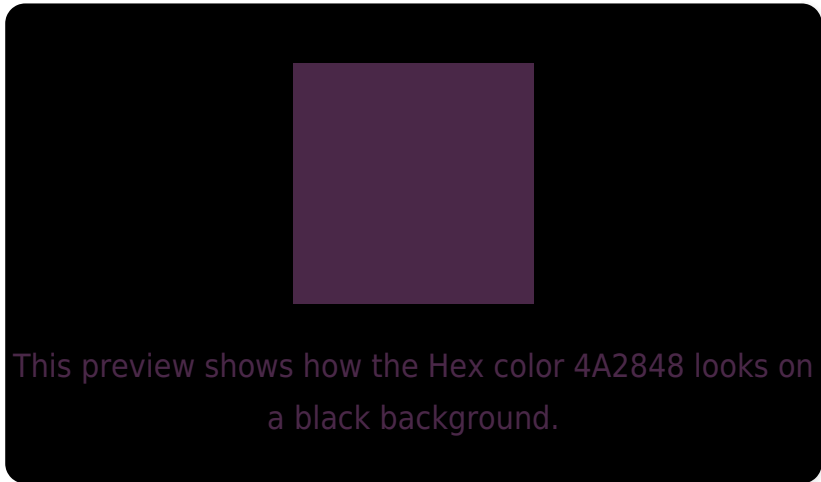
Large Text (above 18pt) WCAG AA ✓ Pass

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

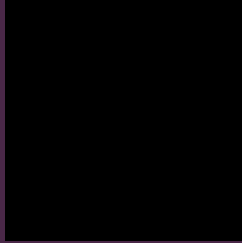
Any Text WCAG AA × Fail

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 4A2848 Background



This preview shows how black text looks on a background with the Hex color 4A2848.



This preview shows how white text looks on a background with the Hex color 4A2848.

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
4A2848

Protanopia
2A3451

Deuteranopia
303446



Tritanopia
472D31

Trichromacy



Original Color
4A2848

Protanomaly
36304E

Deuteranomaly
393047

Tritanomaly
482B39

Monochromacy



Original Color
4A2848

Achromatopsia
363636

Achromatomaly
3D313D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A2848 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 #4A2848 looks like.

```
.text, #text, p{  
    color:#4A2848  
}
```

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 #4A2848 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A2848  
}
```

Border

The CSS property to change the border of an element to Hex 4A2848 is called "border". The border property can be set on classes, ids or directly on the HTML element.

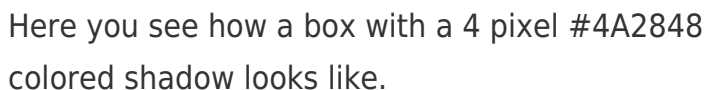
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4A2848 }
```

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

```
.border{ border-color:#4A2848 }
```

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



Here you see how a box with a 4 pixel #4A2848 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A2848; -webkit-box-shadow:4px 4px  
4px 4px #4A2848; box-shadow:4px 4px 4px  
4px #4A2848 }
```

Background

The CSS property to change the background color of an element to Hex 4A2848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A2848 }
```

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

```
.background{ background-color:#4A2848 }
```

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