

Converting Colors

Hex(41024C)

Have a look what the booklet for
Hex(41024C) contains.

Hex(41024C)	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(41024C)

Conversions

Conversions Part 1

Format	Color
Hex	41024C
RGB	65, 2, 76
RGB Percent	25%, 1%, 30%
CMY	0.7451, 0.9922, 0.7020
CMYK	0.14, 0.97, 0.00, 0.70
HSL	291°, 95%, 15%
HSV	291°, 97%, 30%
XYZ	3.5062, 1.6890, 6.9787
YIQ	29.2730, 13.7940, 36.3700

Conversions

Conversions Part 2

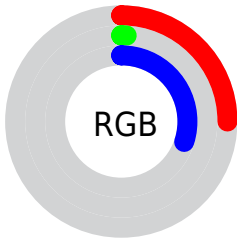
Format	Color
RYB	65, 2, 76
Decimal	4260428
CIELab	13.76, 38.16, -28.72
CIElCh	14, 47.760, 323.028
Yxy	1.6890, 0.2880, 0.1387
Android (android.graphics.Color)	4282450508 (0xFF41024C)
YUV	29.2730, 23.0364, 31.3326
Hunter-Lab	12.9963, 25.4129, -22.7399

Details

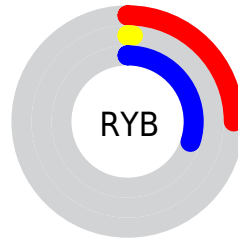
The Hex color **41024C** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0D4C02**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **74377D**, and **08001F** is the 20% darker color. If you saturate the color by 10%, you get **41004C**, and if you desaturate by 10%, it is **420A4C**.

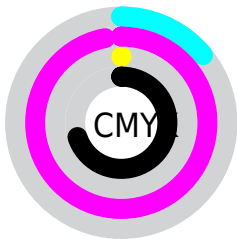
Distribution



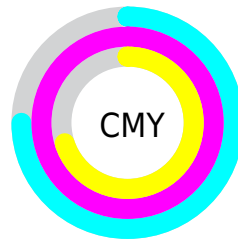
- Red (25%)
- Green (1%)
- Blue (30%)



- Red (25%)
- Yellow (1%)
- Blue (30%)



- Cyan (14%)
- Magenta (97%)
- Yellow (0%)
- Black (70%)



- Cyan (75%)
- Magenta (99%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41024C 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 41024C by changing the saturation by 10% instead.

 41024C

 41024C

 FFF1FF

 2A0035

 74377D

 08001F

 8E4F98

 000002

 AA69B3

 000000

 C683CE

 E29DEA

 FFB9FF

 FFD5FF

 41024C

 41024C

■ 41004C

■ 420A4C

■ 43114C

■ 44194C

■ 46204C

■ 47284C

■ 48304C

■ 49374C

■ 4A3F4C

■ 4B464C

Harmonies

Analogous

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



001E62



41024C



57002C

Triad

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



41024C



331F00



00303D

Complementary

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



41024C



0D4C02

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.



00301A



41024C



132900

Square

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



41024C



4A0A00



002D00



002F59

Rectangle

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



41024C



5A0017



002D00



003031

Sweetspot

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



41024C



5F4763



020D4C



302133



B3B3B3



333333

Same Dimension

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



41024C



550063



4C0232



262226



570066



C300E6

Inverse Universe

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



4C020D



63000F



024C1C



262223



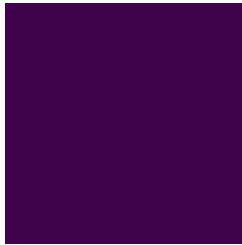
66000F



E60022

Previews

White Background



This preview shows how the Hex color 41024C looks on a white background.

Color Contrast Check

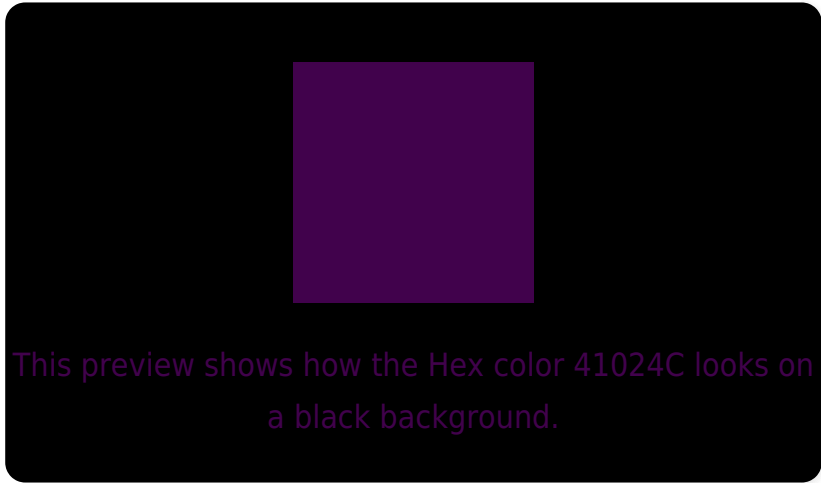
Large Text (above 18pt) WCAG AA ✓ Pass

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

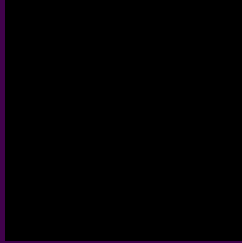
Any Text WCAG AA × Fail

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 41024C Background



This preview shows how black text looks on a background with the Hex color 41024C.



This preview shows how white text looks on a background with the Hex color 41024C.

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](#).

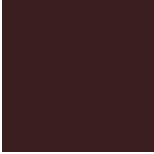
Dichromacy



Original Color
41024C

Protanopia
00264F

Deuteranopia
002846



Tritanopia
3B1E20

Trichromacy



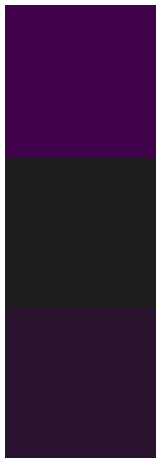
Original Color
41024C

Protanomaly
18194E

Deuteranomaly
181A48

Tritanomaly
3D1430

Monochromacy



Original Color
41024C

Achromatopsia
1D1D1D

Achromatomaly
2A132E

CSS Examples

Text

The CSS property to change the color of the text to Hex 41024C 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 #41024C looks like.

```
.text, #text, p{  
    color:#41024C  
}
```

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 #41024C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41024C
}
```

Border

The CSS property to change the border of an element to Hex 41024C is called "border". The border property can be set on classes, ids or directly on the HTML element.

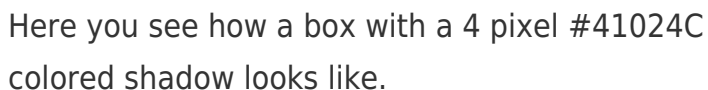
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#41024C }
```

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

```
.border{ border-color:#41024C }
```

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



Here you see how a box with a 4 pixel #41024C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41024C; -webkit-box-shadow:4px 4px  
4px 4px #41024C; box-shadow:4px 4px 4px  
4px #41024C }
```

Background

The CSS property to change the background color of an element to Hex 41024C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41024C }
```

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

```
.background{ background-color:#41024C }
```

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