

Converting Colors

Hex(424003)

Have a look what the booklet for
Hex(424003) contains.

Hex(424003)	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(424003)

Conversions

Conversions Part 1

Format	Color
Hex	424003
RGB	66, 64, 3
RGB Percent	26%, 25%, 1%
CMY	0.7412, 0.7490, 0.9882
CMYK	0.00, 0.03, 0.95, 0.74
HSL	58°, 91%, 14%
HSV	58°, 95%, 26%
XYZ	4.0966, 4.8316, 0.8028
YIQ	57.6440, 20.7730, -18.5470

Conversions

Conversions Part 2

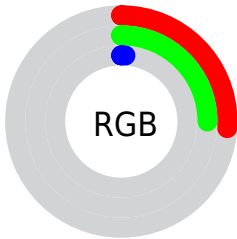
Format	Color
R _{YB}	5, 66, 3
Decimal	4341763
CIE Lab	26.25, -6.80, 33.77
CIE LCh	26, 34.453, 101.389
Yxy	4.8316, 0.4210, 0.4965
Android (android.graphics.Color)	4282531843 (0xFF424003)
YUV	57.6440, -26.9395, 7.3282
Hunter-Lab	21.9809, -5.1995, 13.2212

Details

The Hex color **424003** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **030542**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **746F33**, and **101600** is the 20% darker color. If you saturate the color by 10%, you get **424000**, and if you desaturate by 10%, it is **42400A**.

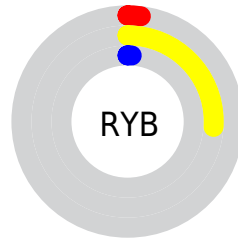
Distribution



Red (26%)

Green (25%)

Blue (1%)



Red (2%)

Yellow (26%)

Blue (1%)

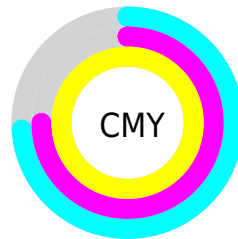


Cyan (0%)

Magenta (3%)

Yellow (95%)

Black (74%)



Cyan (74%)

Magenta (75%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 424003 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 424003 by changing the saturation by 10% instead.

 424003

 424003

 FFFFEB

 2B2A00

 746F33

 101600

 8F894B

 000000

 AAA364

 C6BE7D

 E2DA97

 FFF6B2

 FFFFCE

 424003

 424003

■ 424000

■ 42400A

■ 424010

■ 424117

■ 42411D

■ 424124

■ 42412B

■ 424131

■ 424238

■ 42423E

Harmonies

Analogous

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



593708



424003



254614

Triad

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



424003



004960



65284F

Complementary

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



424003



030542

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.



4C3366



424003



004570

Square

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



424003



004B48



193E72



6D2535

Rectangle

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



424003



004924



193E72



5F2B58

Sweetspot

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



424003



57563E



420305



2B2B1C



ABABAB



2B2B2B

Same Dimension

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



424003



575400



254203



21211E



615E00



E0D900

Inverse Universe

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



030542



000357



200342



1E1E21



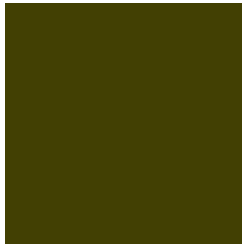
000361



0007E0

Previews

White Background



This preview shows how the Hex color 424003 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

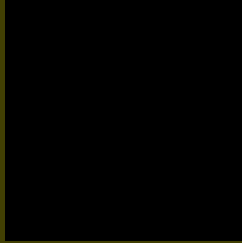
Any Text WCAG AA × Fail

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 424003 Background



This preview shows how black text looks on a background with the Hex color 424003.



This preview shows how white text looks on a background with the Hex color 424003.

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](#).

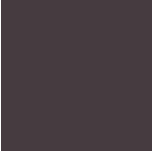
Dichromacy



Original Color
424003

Protanopia
463F01

Deuteranopia
4F3B0A



Tritanopia
463B40

Trichromacy



Original Color
424003

Protanomaly
453F02

Deuteranomaly
4A3D07

Tritanomaly
453D2A

Monochromacy



Original Color
424003

Achromatopsia
3A3A3A

Achromatomaly
3D3C26

CSS Examples

Text

The CSS property to change the color of the text to Hex 424003 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 #424003 looks like.

```
.text, #text, p{  
    color:#424003  
}
```

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 #424003 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #424003
}
```

Border

The CSS property to change the border of an element to Hex 424003 is called "border". The border property can be set on classes, ids or directly on the HTML element.

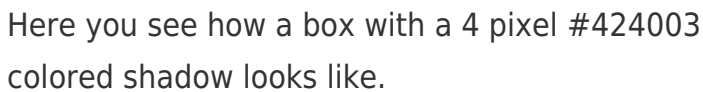
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#424003 }
```

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

```
.border{ border-color:#424003 }
```

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



Here you see how a box with a 4 pixel #424003 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #424003; -webkit-box-shadow:4px 4px  
4px 4px #424003; box-shadow:4px 4px 4px  
4px #424003 }
```

Background

The CSS property to change the background color of an element to Hex 424003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#424003 }
```

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

```
.background{ background-color:#424003 }
```

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