

Converting Colors

Hex(420024)

Have a look what the booklet for
Hex(420024) contains.

Hex(420024)	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(420024)

Conversions

Conversions Part 1

Format	Color
Hex	420024
RGB	66, 0, 36
RGB Percent	26%, 0%, 14%
CMY	0.7412, 1.0000, 0.8588
CMYK	0.00, 1.00, 0.45, 0.74
HSL	327°, 100%, 13%
HSV	327°, 100%, 26%
XYZ	2.5652, 1.2856, 1.7820
YIQ	23.8380, 27.7800, 25.1880

Conversions

Conversions Part 2

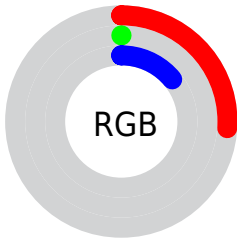
Format	Color
RYB	66, 0, 36
Decimal	4325412
CIELab	11.17, 32.85, -3.93
CIELCh	11, 33.081, 353.184
Yxy	1.2856, 0.4554, 0.2282
Android (android.graphics.Color)	4282515492 (0xFF420024)
YUV	23.8380, 5.9959, 36.9761
Hunter-Lab	11.3385, 20.5409, -1.3813

Details

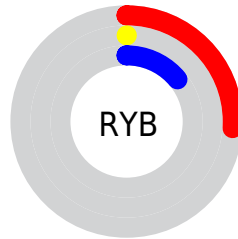
The Hex color **420024** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **00421E**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **753350**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **420024**, and if you desaturate by 10%, it is **420727**.

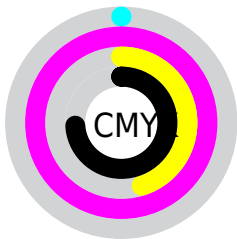
Distribution



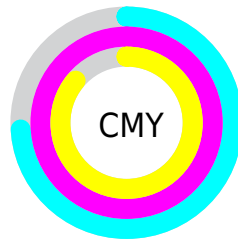
- Red (26%)
- Green (0%)
- Blue (14%)



- Red (26%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (45%)
- Black (74%)



- Cyan (74%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 420024 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 420024 by changing the saturation by 10% instead.

 420024

 420024

 FFECFF

 2D000F

 753350

 000000

 904B68

 AC6482

 C87E9C

 E498B6

 FFB3D2

 FFCFEE

 420024

■ 420727

■ 420D2A

■ 42142D

■ 421A30

■ 422133

■ 422836

■ 422E39

■ 42353C

■ 423B3F

Harmonies

Analogous

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



330D39



420024



44020B

Triad

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



420024



162200



002642

Complementary

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



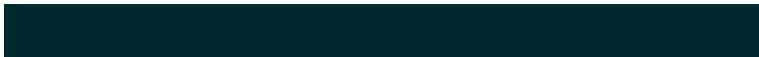
420024



00421E

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.



00282F



420024



002600

Square

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



420024



2B1B00



002818



00224B

Rectangle

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



420024



3F0B00



002818



00273D

Sweetspot

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



420024



573D4B



1E0042



2B1C24



ABABAB



2B2B2B

Same Dimension

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



420024



57002F



420003



211E20



610035



E0007A

Inverse Universe

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



420024



57002F



00423F



211E20



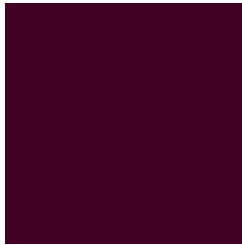
610035



E0007A

Previews

White Background



This preview shows how the Hex color 420024 looks on a white background.

Color Contrast Check

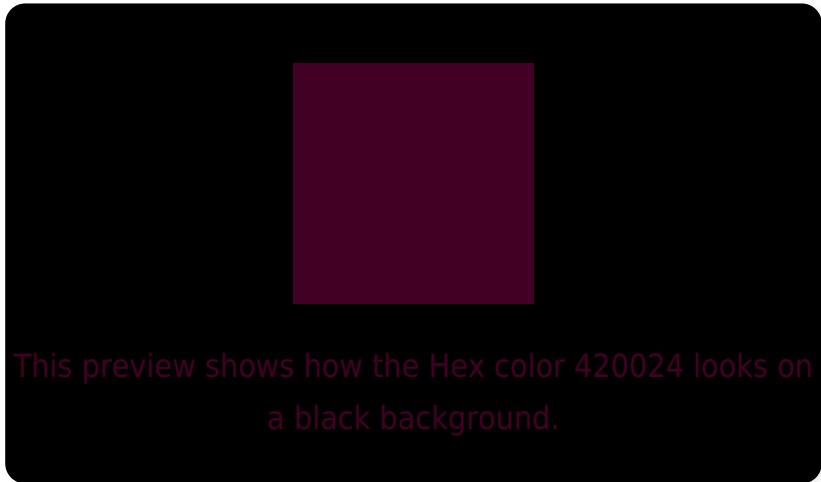
Large Text (above 18pt) WCAG AA ✓ Pass

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

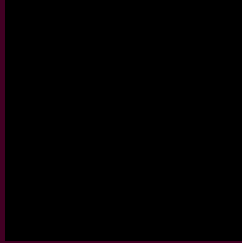
Any Text WCAG AA × Fail

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 420024 Background



This preview shows how black text looks on a background with the Hex color 420024.



This preview shows how white text looks on a background with the Hex color 420024.

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
420024

Protanopia
1C2234

Deuteranopia
262121



Tritanopia
410E0E

Trichromacy



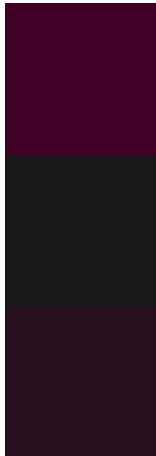
Original Color
420024

Protanomaly
2A162E

Deuteranomaly
301522

Tritanomaly
410916

Monochromacy



Original Color
420024

Achromatopsia
181818

Achromatomaly
270F1C

CSS Examples

Text

The CSS property to change the color of the text to Hex 420024 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 #420024 looks like.

```
.text, #text, p{  
    color:#420024  
}
```

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 #420024 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #420024
}
```

Border

The CSS property to change the border of an element to Hex 420024 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".

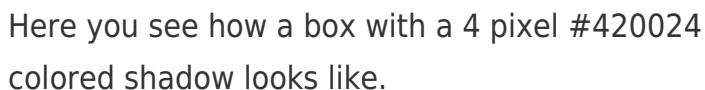
```
.border, #border, table{ border:4px solid
#420024 }
```

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

```
.border{ border-color:#420024 }
```

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

Here you see how a box with a 4 pixel #420024 colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #420024; -webkit-box-shadow:4px 4px  
4px 4px #420024; box-shadow:4px 4px 4px  
4px #420024 }
```

Background

The CSS property to change the background color of an element to Hex 420024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#420024 }
```

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

```
.background{ background-color:#420024 }
```

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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