

Converting Colors

Hex(420003)

Have a look what the booklet for
Hex(420003) contains.

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Color

Hex(420003)

Conversions

Conversions Part 1

Format	Color
Hex	420003
RGB	66, 0, 3
RGB Percent	26%, 0%, 1%
CMY	0.7412, 1.0000, 0.9882
CMYK	0.00, 1.00, 0.95, 0.74
HSL	357°, 100%, 13%
HSV	357°, 100%, 26%
XYZ	2.2632, 1.1648, 0.1917
YIQ	20.0760, 38.3730, 14.9250

Conversions

Conversions Part 2

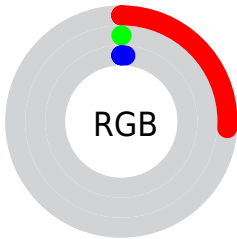
Format	Color
R_{YB}	66, 0, 3
Decimal	4325379
CIE _{Lab}	10.30, 30.50, 15.01
CIE _{LCh}	10, 33.997, 26.198
Yxy	1.1648, 0.6252, 0.3218
Android (android.graphics.Color)	4282515459 (0xFF420003)
YUV	20.0760, -8.4185, 40.2753
Hunter-Lab	10.7927, 18.5438, 6.5018

Details

The Hex color **420003** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **00423F**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **773132**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **420003**, and if you desaturate by 10%, it is **420709**.

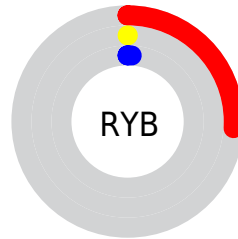
Distribution



Red (26%)

Green (0%)

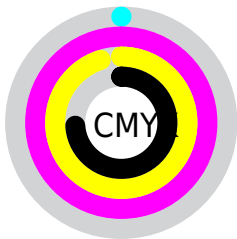
Blue (1%)



Red (26%)

Yellow (0%)

Blue (1%)

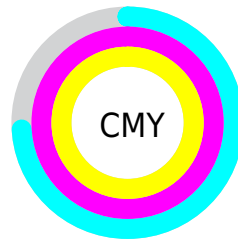


Cyan (0%)

Magenta (100%)

Yellow (95%)

Black (74%)



Cyan (74%)

Magenta (100%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 420003 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 420003 by changing the saturation by 10% instead.

 420003

 420003

 FFE9E4

 2B0001

 773132

 000000

 924948

 AF6260

 CB7C78

 E99692

 FFB1AD

 FFCDC8

 420003

■ 420709

■ 420D10

■ 421416

■ 421A1C

■ 422123

■ 422829

■ 422E2F

■ 423535

■ 423B3C

Harmonies

Analogous

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



410020



420003



380F00

Triad

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



420003



002400



00204B

Complementary

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



420003



00423F

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.



002542



420003



002618

Square

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



420003



102100



002630



0F1746

Rectangle

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



420003



2D1700



002630



002249

Sweetspot

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



420003



573D3E



3F0042



2B1C1C



ABABAB



2B2B2B

Same Dimension

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



420003



570004



421E00



211E1E



610004



E0000A

Inverse Universe

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



420003



570004



002442



211E1E



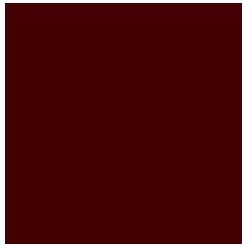
610004



E0000A

Previews

White Background



This preview shows how the Hex color 420003 looks on a white background.

Color Contrast Check

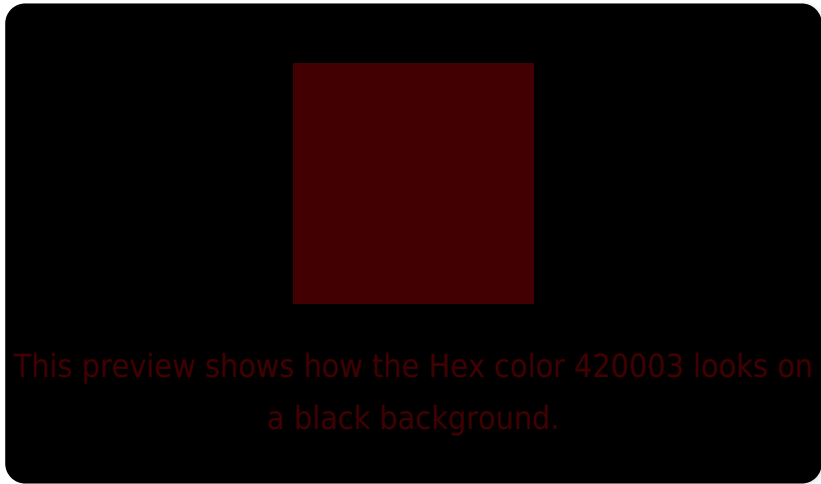
Large Text (above 18pt) WCAG AA ✓ Pass

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

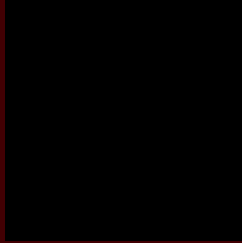
Any Text WCAG AA × Fail

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 420003 Background



This preview shows how black text looks on a background with the Hex color 420003.

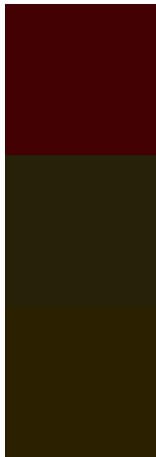


This preview shows how white text looks on a background with the Hex color 420003.

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
420003

Protanopia
252109

Deuteranopia
2A2000



Tritanopia
420600

Trichromacy



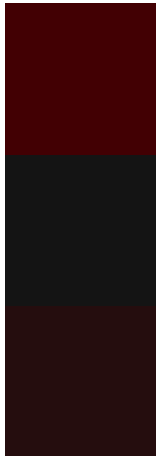
Original Color
420003

Protanomaly
301507

Deuteranomaly
331401

Tritanomaly
420401

Monochromacy



Original Color
420003

Achromatopsia
141414

Achromatomaly
250D0E

CSS Examples

Text

The CSS property to change the color of the text to Hex 420003 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 #420003 looks like.

```
.text, #text, p{  
    color:#420003  
}
```

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 #420003 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #420003
}
```

Border

The CSS property to change the border of an element to Hex 420003 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".

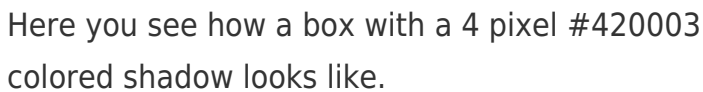
```
.border, #border, table{ border:4px solid
#420003 }
```

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

```
.border{ border-color:#420003 }
```

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

Here you see how a box with a 4 pixel #420003 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom sides of the box, indicating a 4-pixel offset in both directions.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #420003; -webkit-box-shadow:4px 4px  
4px 4px #420003; box-shadow:4px 4px 4px  
4px #420003 }
```

Background

The CSS property to change the background color of an element to Hex 420003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#420003 }
```

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

```
.background{ background-color:#420003 }
```

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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