

# Converting Colors

Hex(420B04)

Have a look what the booklet for  
Hex(420B04) contains.

<b>Hex(420B04)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(420B04)**

# Conversions

## Conversions Part 1

Format	Color
Hex	420B04
RGB	66, 11, 4
RGB Percent	26%, 4%, 2%
CMY	0.7412, 0.9569, 0.9843
CMYK	0.00, 0.83, 0.94, 0.74
HSL	7°, 89%, 14%
HSV	7°, 94%, 26%
XYZ	2.3884, 1.4064, 0.2604
YIQ	26.6470, 35.0270, 9.4830

# Conversions

## Conversions Part 2

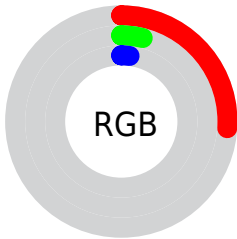
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">66, 12, 4</a>
Decimal	<a href="#">4328196</a>
CIELab	<a href="#">12.00, 25.76, 16.96</a>
CIELCh	<a href="#">12, 30.845, 33.366</a>
Yxy	<a href="#">1.4064, 0.5890, 0.3468</a>
Android (android.graphics.Color)	<a href="#">4282518276 (0xFF420B04)</a>
YUV	<a href="#">26.6470, -11.1650, 34.5126</a>
Hunter-Lab	<a href="#">11.8590, 15.1959, 6.9992</a>

# Details

The Hex color **420B04** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **043B42**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **763A32**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **420700**, and if you desaturate by 10%, it is **42110B**.

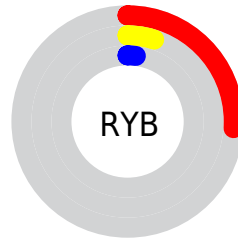
# Distribution



Red (26%)

Green (4%)

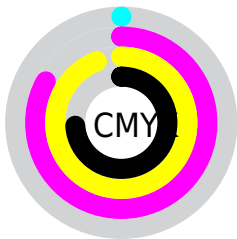
Blue (2%)



Red (26%)

Yellow (5%)

Blue (2%)

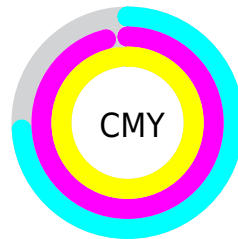


Cyan (0%)

Magenta (83%)

Yellow (94%)

Black (74%)



Cyan (74%)

Magenta (96%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 420B04 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 420B04 by changing the saturation by 10% instead.



 420B04

 420B04

 FFF2E5

 2B0000

 763A32

 000000

 925149

 AE6A60

 CA8479

 E79E93

 FFB9AD

 FFD5C9

 420B04

 420B04

■ 420700

■ 42110B

■ 421711

■ 421D18

■ 42221E

■ 422825

■ 422E2C

■ 423432

■ 423A39

■ 42403F

# Harmonies

## Analogous

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



44041E



420B04



371700

# Triad

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



420B04



002808



00224A

# Complementary

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



420B04



043B42

# 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.



002746



420B04



002921

# Square

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



420B04



122500



002936



211943

# Rectangle

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



420B04



2C1D00



002936



00244A



# Sweetspot

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



420B04



57413E



42043C



2B1E1D



ABABAB



2B2B2B



# Same Dimension

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



420B04



570A00



422904



211E1E



610B00



E01900



# Inverse Universe

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



043B42



004D57



041D42



1E2121



005661

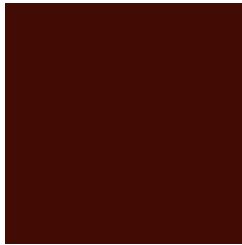


00C7E0



# Previews

## White Background



This preview shows how the Hex color 420B04 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

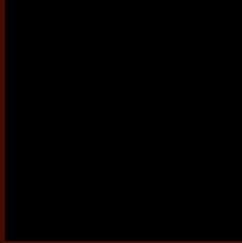
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 420B04 Background



This preview shows how black text looks on a background with the Hex color 420B04.

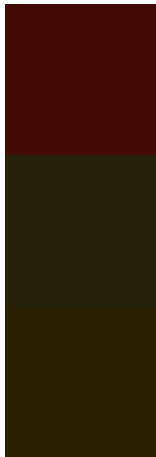


This preview shows how white text looks on a background with the Hex color 420B04.

# 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**  
420B04

**Protanopia**  
26220A

**Deuteranopia**  
2B2100



**Tritanopia**  
420A0A

# Trichromacy



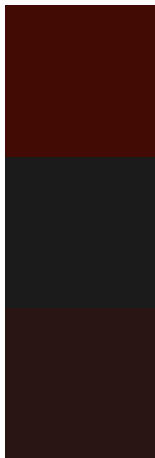
**Original Color**  
420B04

**Protanomaly**  
301A08

**Deuteranomaly**  
331901

**Tritanomaly**  
420A08

# Monochromacy



**Original Color**  
420B04

**Achromatopsia**  
1B1B1B

**Achromatomaly**  
291513

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 420B04 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 #420B04 looks like.

```
.text, #text, p{  
    color:#420B04  
}
```

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 #420B04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #420B04
}
```

## Border

The CSS property to change the border of an element to Hex 420B04 is called "border". The border property can be set on classes, ids or directly on the HTML element.

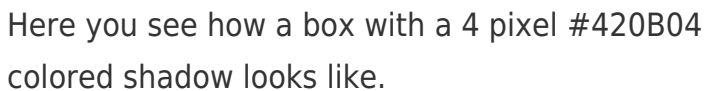
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#420B04 }
```

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

```
.border{ border-color:#420B04 }
```

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



Here you see how a box with a 4 pixel #420B04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #420B04; -webkit-box-shadow:4px 4px  
4px 4px #420B04; box-shadow:4px 4px 4px  
4px #420B04 }
```

# Background

The CSS property to change the background color of an element to Hex 420B04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#420B04 }
```

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

```
.background{ background-color:#420B04 }
```

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