

Converting Colors

Hex(420F35)

Have a look what the booklet for
Hex(420F35) contains.

Hex(420F35)	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(420F35)

Conversions

Conversions Part 1

Format	Color
Hex	420F35
RGB	66, 15, 53
RGB Percent	26%, 6%, 21%
CMY	0.7412, 0.9412, 0.7922
CMYK	0.00, 0.77, 0.20, 0.74
HSL	315°, 63%, 16%
HSV	315°, 77%, 26%
XYZ	3.0602, 1.7569, 3.5460
YIQ	34.5810, 18.1980, 22.6300

Conversions

Conversions Part 2

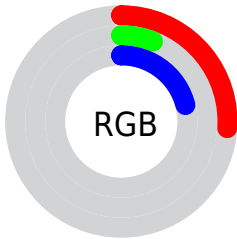
Format	Color
R_{YB}	66, 15, 53
Decimal	4329269
CIE _{Lab}	14.16, 29.08, -11.88
CIE _{LCh}	14, 31.412, 337.787
Yxy	1.7569, 0.3659, 0.2101
Android (android.graphics.Color)	4282519349 (0xFF420F35)
YUV	34.5810, 9.0806, 27.5545
Hunter-Lab	13.2550, 18.0144, -6.5829

Details

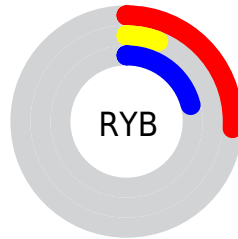
The Hex color **420F35** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0F421C**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **743E64**, and **080005** is the 20% darker color. If you saturate the color by 10%, you get **420833**, and if you desaturate by 10%, it is **421637**.

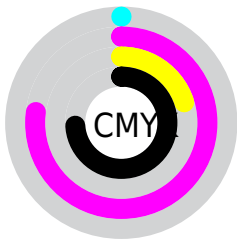
Distribution



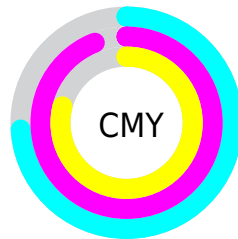
- Red (26%)
- Green (6%)
- Blue (21%)



- Red (26%)
- Yellow (6%)
- Blue (21%)



- Cyan (0%)
- Magenta (77%)
- Yellow (20%)
- Black (74%)



- Cyan (74%)
- Magenta (94%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 420F35 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 420F35 by changing the saturation by 10% instead.

 420F35

 420F35

 FFF8FF

 2B0020

 743E64

 080005

 8E567D

 000000

 A96F97

 C589B1

 E1A4CD

 FEBFE9

 FFDBFF

 420F35

 420F35

■ 420833

■ 421637

■ 420232

■ 421C38

■ 420031

■ 42233A

■ 42293C

■ 42303D

■ 42373F

■ 423D41

■ 424442

■ 424A44

Harmonies

Analogous

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



2B1B47



420F35



4A091F

Triad

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



420F35



292500



002D3E

Complementary

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



420F35



0F421C

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.



002E29



420F35



132A00

Square

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



420F35



3B1C00



002D12



002B4D

Rectangle

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



420F35



490E10



002D12



002D38

Sweetspot

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



420F35



574352



1C0F42



2B1F28



ABABAB



2B2B2B

Same Dimension

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



420F35



570642



420F1C



211E20



610048



E000A7

Inverse Universe

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



420F35



570642



0F4235



211E20



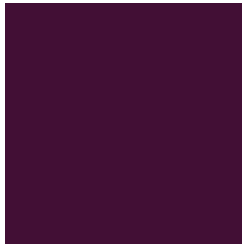
610048



E000A7

Previews

White Background



This preview shows how the Hex color 420F35 looks on a white background.

Color Contrast Check

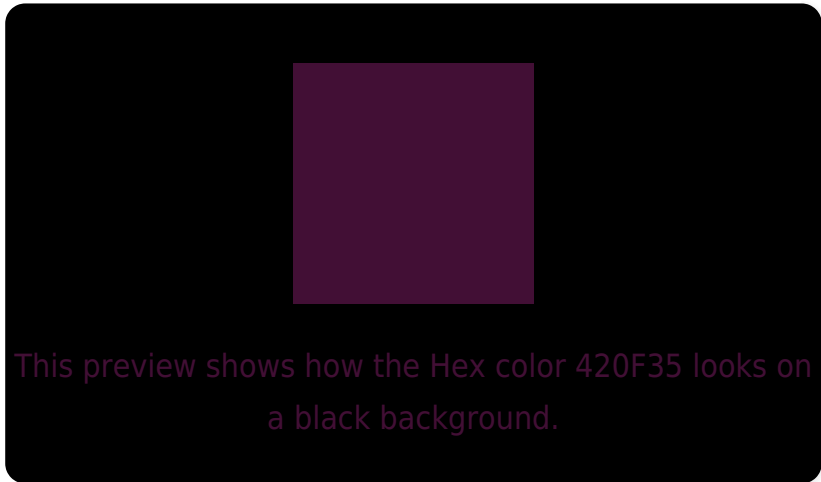
Large Text (above 18pt) WCAG AA ✓ Pass

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

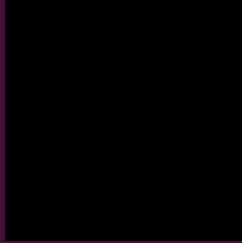
Any Text WCAG AA × Fail

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 420F35 Background



This preview shows how black text looks on a background with the Hex color 420F35.



This preview shows how white text looks on a background with the Hex color 420F35.

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
420F35

Protanopia
142546

Deuteranopia
232532



Tritanopia
40181A

Trichromacy



Original Color
420F35

Protanomaly
251D40

Deuteranomaly
2E1D33

Tritanomaly
411524

Monochromacy



Original Color
420F35

Achromatopsia
232323

Achromatomaly
2E1C2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 420F35 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 #420F35 looks like.

```
.text, #text, p{  
    color:#420F35  
}
```

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 #420F35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #420F35
}
```

Border

The CSS property to change the border of an element to Hex 420F35 is called "border". The border property can be set on classes, ids or directly on the HTML element.

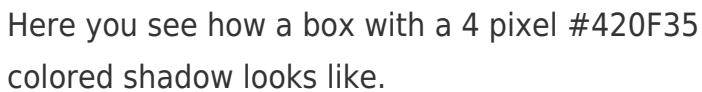
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#420F35 }
```

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

```
.border{ border-color:#420F35 }
```

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



Here you see how a box with a 4 pixel #420F35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #420F35; -webkit-box-shadow:4px 4px  
4px 4px #420F35; box-shadow:4px 4px 4px  
4px #420F35 }
```

Background

The CSS property to change the background color of an element to Hex 420F35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#420F35 }
```

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

```
.background{ background-color:#420F35 }
```

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