

Converting Colors

Hex(420C41)

Have a look what the booklet for
Hex(420C41) contains.

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Color

Hex(420C41)

Conversions

Conversions Part 1

Format	Color
Hex	420C41
RGB	66, 12, 65
RGB Percent	26%, 5%, 25%
CMY	0.7412, 0.9529, 0.7451
CMYK	0.00, 0.82, 0.02, 0.74
HSL	301°, 69%, 15%
HSV	301°, 82%, 26%
XYZ	3.3324, 1.8028, 5.1734
YIQ	34.1880, 15.1710, 27.9310

Conversions

Conversions Part 2

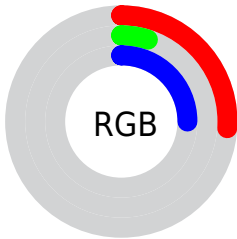
Format	Color
RYB	66, 12, 65
Decimal	4328513
CIELab	14.42, 32.54, -20.00
CIELCh	14, 38.194, 328.430
Yxy	1.8028, 0.3233, 0.1749
Android (android.graphics.Color)	4282518593 (0xFF420C41)
YUV	34.1880, 15.1903, 27.8991
Hunter-Lab	13.4270, 20.8036, -13.4453

Details

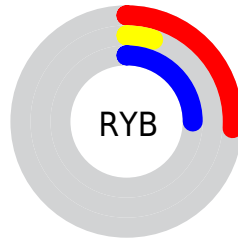
The Hex color **420C41** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0C420D**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **743D71**, and **0A0016** is the 20% darker color. If you saturate the color by 10%, you get **420541**, and if you desaturate by 10%, it is **421341**.

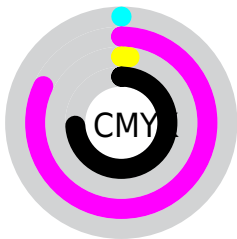
Distribution



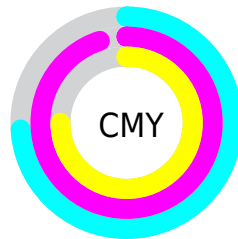
- Red (26%)
- Green (5%)
- Blue (25%)



- Red (26%)
- Yellow (5%)
- Blue (25%)



- Cyan (0%)
- Magenta (82%)
- Yellow (2%)
- Black (74%)



- Cyan (74%)
- Magenta (95%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 420C41 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 420C41 by changing the saturation by 10% instead.

 420C41

 420C41

 FFF7FF

 2B002B

 743D71

 0A0016

 8E558B

 000000

 AA6EA5

 C588C0

 E2A3DC

 FFBEF9

 FFDAFF

 420C41

 420C41

■ 420541

■ 421341

■ 420041

■ 421941

■ 422041

■ 422641

■ 422D42

■ 423442

■ 423A42

■ 424142

■ 424742

Harmonies

Analogous

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



1B1E54



420C41



510027

Triad

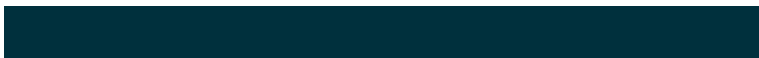
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



420C41



302300



00303D

Complementary

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



420C41



0C420D

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.



002F22



420C41



162A00

Square

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



420C41



441700



002E01



002E52

Rectangle

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



420C41



510015



002E01



003035

Sweetspot

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



420C41



574156



0D0C42



2B1E2B



ABABAB



2B2B2B

Same Dimension

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



420C41



570255



420C26



211E21



61005F



E000DC

Inverse Universe

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



420C41



570255



0C4228



211E21



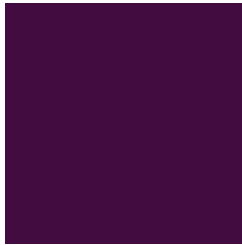
61005F



E000DC

Previews

White Background



This preview shows how the Hex color 420C41 looks on a white background.

Color Contrast Check

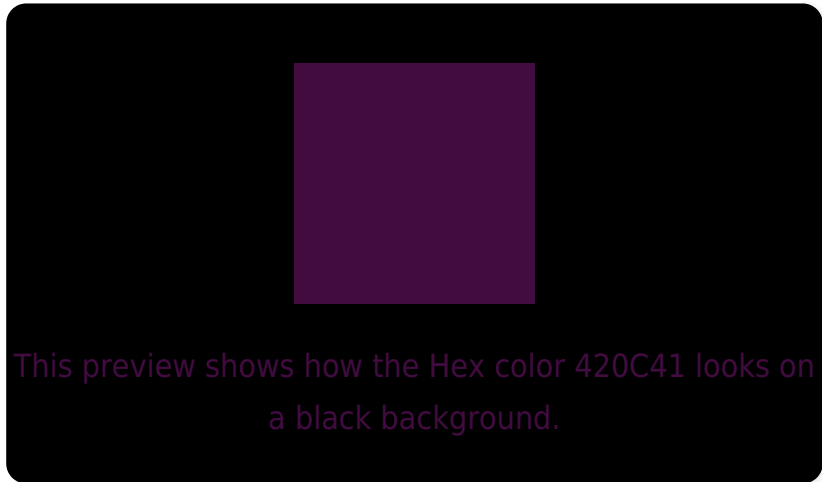
Large Text (above 18pt) WCAG AA ✓ Pass

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

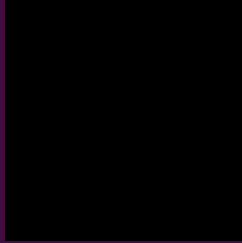
Any Text WCAG AA × Fail

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 420C41 Background



This preview shows how black text looks on a background with the Hex color 420C41.



This preview shows how white text looks on a background with the Hex color 420C41.

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
420C41

Protanopia
00254F

Deuteranopia
1A273D



Tritanopia
3E1B1D

Trichromacy



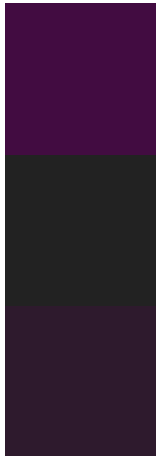
Original Color
420C41

Protanomaly
181C4A

Deuteranomaly
291D3E

Tritanomaly
3F162A

Monochromacy



Original Color
420C41

Achromatopsia
222222

Achromatomaly
2E1A2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 420C41 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 #420C41 looks like.

```
.text, #text, p{  
    color:#420C41  
}
```

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 #420C41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #420C41
}
```

Border

The CSS property to change the border of an element to Hex 420C41 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
#420C41 }
```

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

```
.border{ border-color:#420C41 }
```

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

Here you see how a box with a 4 pixel #420C41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #420C41; -webkit-box-shadow:4px 4px  
4px 4px #420C41; box-shadow:4px 4px 4px  
4px #420C41 }
```

Background

The CSS property to change the background color of an element to Hex 420C41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#420C41 }
```

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

```
.background{ background-color:#420C41 }
```

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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