

Converting Colors

Hex(420C29)

Have a look what the booklet for
Hex(420C29) contains.

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Color

Hex(420C29)

Conversions

Conversions Part 1

Format	Color
Hex	420C29
RGB	66, 12, 41
RGB Percent	26%, 5%, 16%
CMY	0.7412, 0.9529, 0.8392
CMYK	0.00, 0.82, 0.38, 0.74
HSL	328°, 69%, 15%
HSV	328°, 82%, 26%
XYZ	2.7785, 1.5813, 2.2566
YIQ	31.4520, 22.8750, 20.4670

Conversions

Conversions Part 2

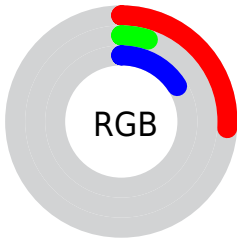
Format	Color
R_{YB}	66, 12, 41
Decimal	4328489
CIE _{Lab}	13.12, 28.53, -4.74
CIE _{LCh}	13, 28.917, 350.572
Yxy	1.5813, 0.4199, 0.2390
Android (android.graphics.Color)	4282518569 (0xFF420C29)
YUV	31.4520, 4.7072, 30.2986
Hunter-Lab	12.5749, 17.4341, -1.8373

Details

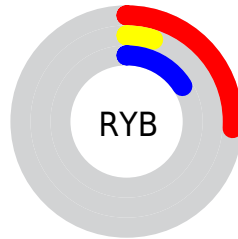
The Hex color **420C29** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0C4225**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **753B56**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **420526**, and if you desaturate by 10%, it is **42132C**.

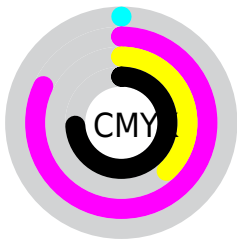
Distribution



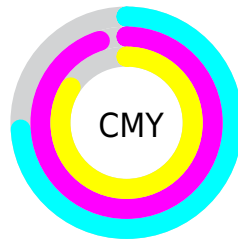
- Red (26%)
- Green (5%)
- Blue (16%)



- Red (26%)
- Yellow (5%)
- Blue (16%)



- Cyan (0%)
- Magenta (82%)
- Yellow (38%)
- Black (74%)



- Cyan (74%)
- Magenta (95%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 420C29 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 420C29 by changing the saturation by 10% instead.

 420C29

 420C29

 FFF5FF

 2C0015

 753B56

 000000

 8F536E

 AA6C88

 C686A2

 E3A1BD

 FFBCD9

 FFD8F5

 420C29

 420C29

■ 420526

■ 42132C

■ 420023

■ 42192F

■ 422032

■ 422635

■ 422D38

■ 42343B

■ 423A3E

■ 424141

■ 424745

Harmonies

Analogous

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



33153C



420C29



450D15

Triad

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



420C29



1F2500



002A41

Complementary

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



420C29



0C4225

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.



002B2F



420C29



042901

Square

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



420C29



301F00



002A1B



00264A

Rectangle

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



420C29



411203



002A1B



002A3C

Sweetspot

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



420C29



57414D



240C42



2B1E25



ABABAB



2B2B2B

Same Dimension

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



420C29



57022F



420C0F



211E20



610034



E00079

Inverse Universe

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



420C29



57022F



0C423F



211E20



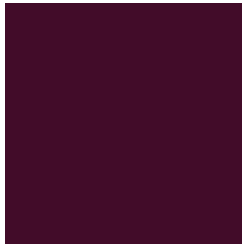
610034



E00079

Previews

White Background



This preview shows how the Hex color 420C29 looks on a white background.

Color Contrast Check

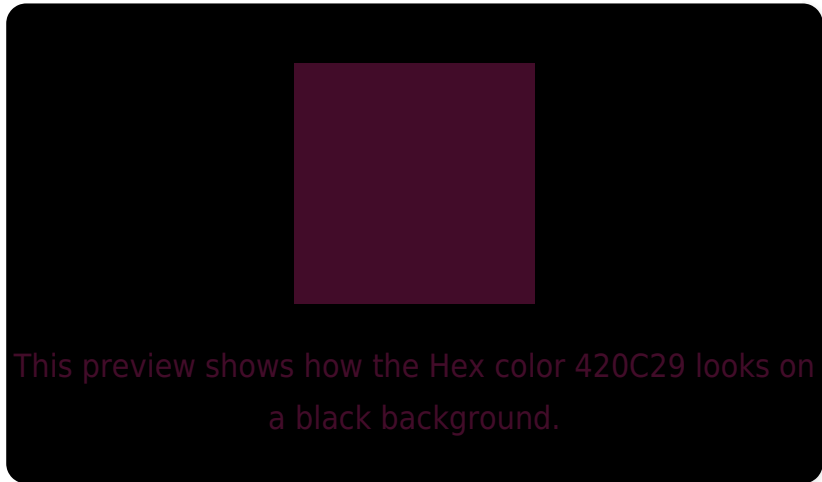
Large Text (above 18pt) WCAG AA ✓ Pass

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

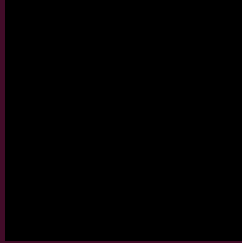
Any Text WCAG AA × Fail

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 420C29 Background



This preview shows how black text looks on a background with the Hex color 420C29.



This preview shows how white text looks on a background with the Hex color 420C29.

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
420C29

Protanopia
1C2338

Deuteranopia
262326



Tritanopia
411314

Trichromacy



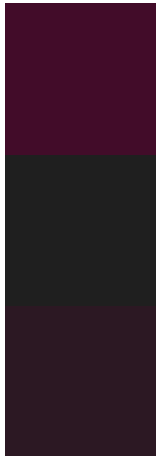
Original Color
420C29

Protanomaly
2A1B33

Deuteranomaly
301B27

Tritanomaly
41101C

Monochromacy



Original Color
420C29

Achromatopsia
1F1F1F

Achromatomaly
2C1823

CSS Examples

Text

The CSS property to change the color of the text to Hex 420C29 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 #420C29 looks like.

```
.text, #text, p{  
    color:#420C29  
}
```

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 #420C29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #420C29
}
```

Border

The CSS property to change the border of an element to Hex 420C29 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
#420C29 }
```

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

```
.border{ border-color:#420C29 }
```

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

Here you see how a box with a 4 pixel #420C29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #420C29; -webkit-box-shadow:4px 4px  
4px 4px #420C29; box-shadow:4px 4px 4px  
4px #420C29 }
```

Background

The CSS property to change the background color of an element to Hex 420C29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#420C29 }
```

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

```
.background{ background-color:#420C29 }
```

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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