

Converting Colors

Hex(420C19)

Have a look what the booklet for
Hex(420C19) contains.

Hex(420C19)	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(420C19)

Conversions

Conversions Part 1

Format	Color
Hex	420C19
RGB	66, 12, 25
RGB Percent	26%, 5%, 10%
CMY	0.7412, 0.9529, 0.9020
CMYK	0.00, 0.82, 0.62, 0.74
HSL	346°, 69%, 15%
HSV	346°, 82%, 26%
XYZ	2.5537, 1.4914, 1.0730
YIQ	29.6280, 28.0110, 15.4910

Conversions

Conversions Part 2

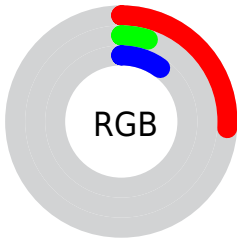
Format	Color
RYB	66, 12, 25
Decimal	4328473
CIELab	12.55, 26.68, 6.35
CIELCh	13, 27.426, 13.389
Yxy	1.4914, 0.4990, 0.2914
Android (android.graphics.Color)	4282518553 (0xFF420C19)
YUV	29.6280, -2.2816, 31.8982
Hunter-Lab	12.2122, 15.9549, 3.3393




Details

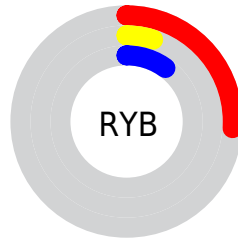
The Hex color **420C19** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0C4235**, and the grayscale version is **1E1E1E**.


A 20% lighter version of the original color is **763B44**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **420514**, and if you desaturate by 10%, it is **42131E**.

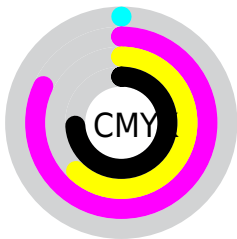
Distribution







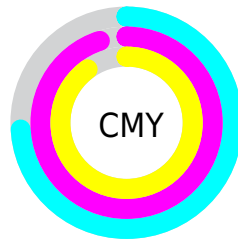
-  Red (26%)
-  Green (5%)
-  Blue (10%)






-  Red (26%)
-  Yellow (5%)
-  Blue (10%)



-  Cyan (0%)
-  Magenta (82%)
-  Yellow (62%)
-  Black (74%)



-  Cyan (74%)
-  Magenta (95%)
-  Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 420C19 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 420C19 by changing the saturation by 10% instead.

 420C19

 420C19

 FFF4FB

 2C0000

 763B44

 000000

 90535B

 AC6C74

 C8858D

 E5A0A7

 FFBBC3

 FFD7DF

 420C19

 420C19

■ 420514

■ 42131E

■ 420010

■ 421923

■ 422028

■ 42262D

■ 422D32

■ 423437

■ 423A3C

■ 424141

■ 424746

Harmonies

Analogous

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



3D0E2C



420C19



3E1301

Triad

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



420C19



0E2600



002645

Complementary

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



420C19



0C4235

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.



00283A



420C19



002915

Square

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



420C19



222200



002929



032046

Rectangle

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



420C19



371900



002929



002742

Sweetspot

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



420C19



574146



350C42



2B1E21



ABABAB



2B2B2B

Same Dimension

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



420C19



570216



421A0C



211E1F



610017



E00036

Inverse Universe

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



420C19



570216



0C3542



211E1F



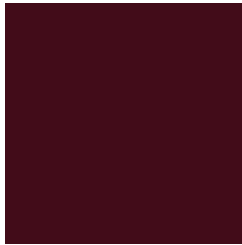
610017



E00036

Previews

White Background



This preview shows how the Hex color 420C19 looks on a white background.

Color Contrast Check

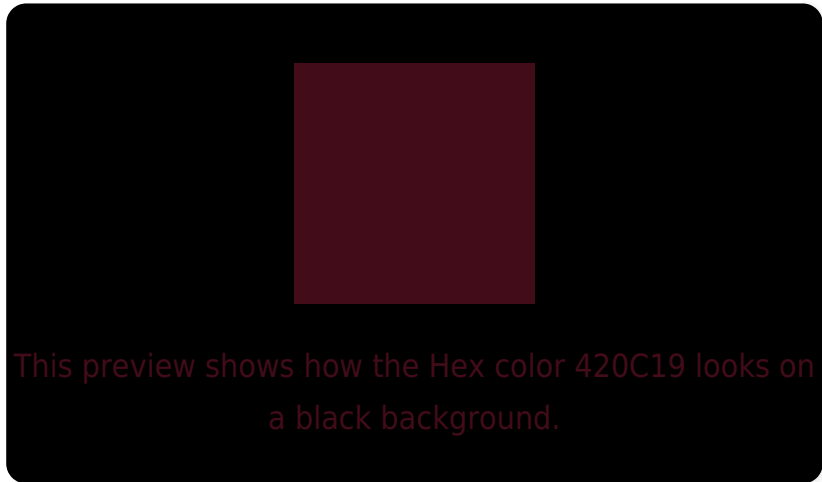
Large Text (above 18pt) WCAG AA ✓ Pass

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

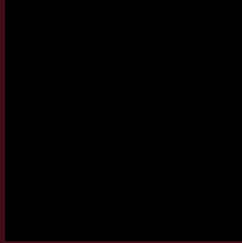
Any Text WCAG AA × Fail

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 420C19 Background



This preview shows how black text looks on a background with the Hex color 420C19.

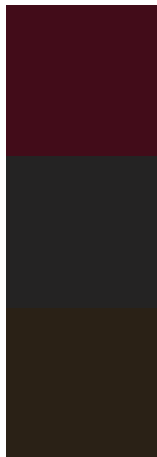


This preview shows how white text looks on a background with the Hex color 420C19.

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
420C19

Protanopia
242323

Deuteranopia
2A2116

Trichromacy



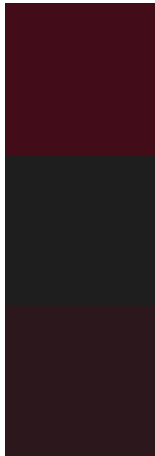
Original Color
420C19

Protanomaly
2F1B1F

Deuteranomaly
331917

Tritanomaly
420E13

Monochromacy



Original Color
420C19

Achromatopsia
1E1E1E

Achromatomaly
2B171C

CSS Examples

Text

The CSS property to change the color of the text to Hex 420C19 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 #420C19 looks like.

```
.text, #text, p{  
    color:#420C19  
}
```

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 #420C19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #420C19
}
```

Border

The CSS property to change the border of an element to Hex 420C19 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
#420C19 }
```

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

```
.border{ border-color:#420C19 }
```

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

Here you see how a box with a 4 pixel #420C19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #420C19; -webkit-box-shadow:4px 4px  
4px 4px #420C19; box-shadow:4px 4px 4px  
4px #420C19 }
```

Background

The CSS property to change the background color of an element to Hex 420C19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#420C19 }
```

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

```
.background{ background-color:#420C19 }
```

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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