

Converting Colors

Hex(420C17)

Have a look what the booklet for
Hex(420C17) contains.

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Color

Hex(420C17)

Conversions

Conversions Part 1

Format	Color
Hex	420C17
RGB	66, 12, 23
RGB Percent	26%, 5%, 9%
CMY	0.7412, 0.9529, 0.9098
CMYK	0.00, 0.82, 0.65, 0.74
HSL	348°, 69%, 15%
HSV	348°, 82%, 26%
XYZ	2.5329, 1.4831, 0.9634
YIQ	29.4000, 28.6530, 14.8690

Conversions

Conversions Part 2

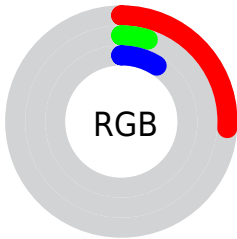
Format	Color
R_{YB}	66, 12, 23
Decimal	4328471
CIE Lab	12.50, 26.50, 7.77
CIE LCh	12, 27.618, 16.344
Yxy	1.4831, 0.5087, 0.2978
Android (android.graphics.Color)	4282518551 (0xFF420C17)
YUV	29.4000, -3.1552, 32.0982
Hunter-Lab	12.1781, 15.8142, 3.8344

Details

The Hex color **420C17** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0C4237**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **763B41**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **420512**, and if you desaturate by 10%, it is **42131C**.

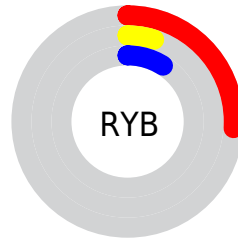
Distribution



Red (26%)

Green (5%)

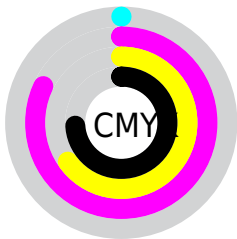
Blue (9%)



Red (26%)

Yellow (5%)

Blue (9%)

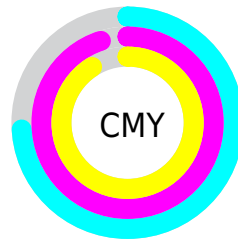


Cyan (0%)

Magenta (82%)

Yellow (65%)

Black (74%)



Cyan (74%)

Magenta (95%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 420C17 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 420C17 by changing the saturation by 10% instead.

 420C17


 420C17

 FFF3F8

 2C0000

 763B41

 000000

 915359

 AC6B71

 C8858A

 E5A0A5

 FFBBC0

 FFD7DC

 420C17

 420C17

■ 420512

■ 42131C

■ 42000D

■ 421922

■ 422027

■ 42262C

■ 422D31

■ 423437

■ 423A3C

■ 424141

■ 424746

Harmonies

Analogous

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



3E0D2A



420C17



3D1400

Triad

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



420C17



0A2700



002546

Complementary

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



420C17



0C4237

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.



00283C



420C17



002917

Square

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



420C17



202300



00292B



091F45

Rectangle

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



420C17



361A00



00292B



002743

Sweetspot

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



420C17



574145



360C42



2B1E21



ABABAB



2B2B2B

Same Dimension

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



420C17



570213



421B0C



211E1F



610014



E0002E

Inverse Universe

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



420C17



570213



0C3342



211E1F



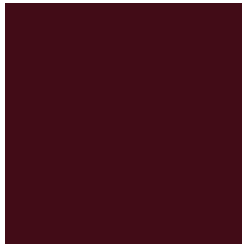
610014



E0002E

Previews

White Background



This preview shows how the Hex color 420C17 looks on a white background.

Color Contrast Check

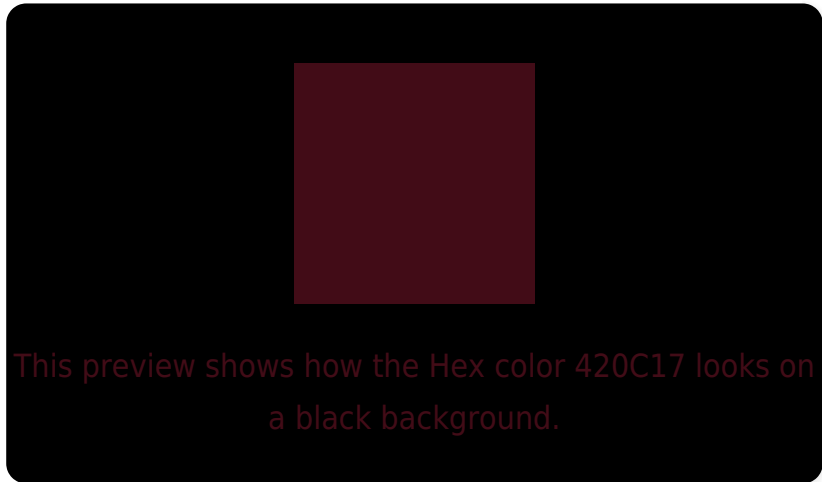
Large Text (above 18pt) WCAG AA ✓ Pass

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

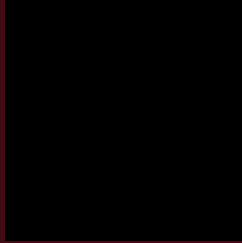
Any Text WCAG AA × Fail

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 420C17 Background



This preview shows how black text looks on a background with the Hex color 420C17.

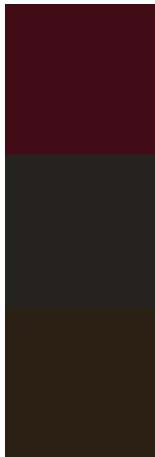


This preview shows how white text looks on a background with the Hex color 420C17.

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

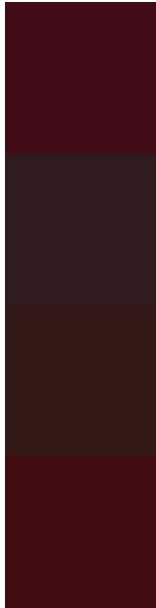


Original Color
420C17

Protanopia
242320

Deuteranopia
2A2114

Trichromacy



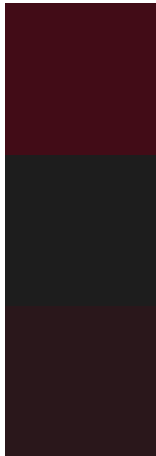
Original Color
420C17

Protanomaly
2F1B1D

Deuteranomaly
331915

Tritanomaly
420D11

Monochromacy



Original Color
420C17

Achromatopsia
1D1D1D

Achromatomaly
2A171B

CSS Examples

Text

The CSS property to change the color of the text to Hex 420C17 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 #420C17 looks like.

```
.text, #text, p{  
    color:#420C17  
}
```

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 #420C17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #420C17  
}
```

Border

The CSS property to change the border of an element to Hex 420C17 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  
#420C17 }
```

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

```
.border{ border-color:#420C17 }
```

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

Here you see how a box with a 4 pixel #420C17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #420C17; -webkit-box-shadow:4px 4px  
4px 4px #420C17; box-shadow:4px 4px 4px  
4px #420C17 }
```

Background

The CSS property to change the background color of an element to Hex 420C17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#420C17 }
```

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

```
.background{ background-color:#420C17 }
```

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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