

Converting Colors

Hex(420F00)

Have a look what the booklet for
Hex(420F00) contains.

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Color

Hex(420F00)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 420F00 |
| RGB | 66, 15, 0 |
| RGB Percent | 26%, 6%, 0% |
| CMY | 0.7412, 0.9412, 1.0000 |
| CMYK | 0.00, 0.77, 1.00, 0.74 |
| HSL | 14°, 100%, 13% |
| HSV | 14°, 100%, 26% |
| XYZ | 2.4176, 1.4999, 0.1621 |
| YIQ | 28.5390, 35.2110, 6.1470 |

Conversions

Conversions Part 2

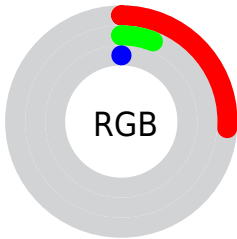
| Format | Color |
|-------------------------------------|--|
| RYB | 66, 19, 0 |
| Decimal | 4329216 |
| CIELab | 12.61, 23.74, 19.42 |
| CIELCh | 13, 30.668, 39.285 |
| Yxy | 1.4999, 0.5926, 0.3677 |
| Android (android.graphics.Color) | 4282519296 (0xFF420F00) |
| YUV | 28.5390, -14.0697, 32.8533 |
| Hunter-Lab | 12.2470, 13.8040, 7.7882 |

Details

The Hex color **420F00** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **003342**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **763D2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **420F00**, and if you desaturate by 10%, it is **421407**.

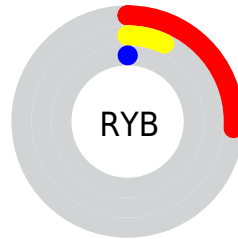
Distribution



Red (26%)

Green (6%)

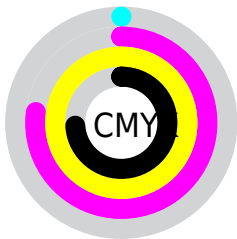
Blue (0%)



Red (26%)

Yellow (7%)

Blue (0%)

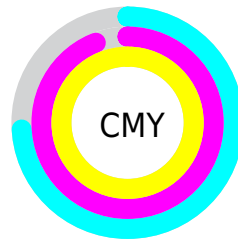


Cyan (0%)

Magenta (77%)

Yellow (100%)

Black (74%)



Cyan (74%)

Magenta (94%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 420F00 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 420F00 by changing the saturation by 10% instead.

 420F00


 420F00

 FFF5E2

 2A0000

 763D2F

 000000

 915446

 AD6D5D

 CA8776

 E7A190

 FFBCAA

 FFD8C6

 420F00

■ 421407

■ 42190D

■ 421E14

■ 42231A

■ 422921

■ 422E28

■ 42332E

■ 423835

■ 423D3B

Harmonies

Analogous

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



45061B



420F00



361A00

Triad

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



420F00



002910



00214B

Complementary

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



420F00



003342

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.



002749



420F00



002A27

Square

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



420F00



0E2700



002A3B



291842

Rectangle

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



420F00



2A2000



002A3B



00244C

Sweetspot

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



420F00



57433D



420034



2B1F1C



ABABAB



2B2B2B

Same Dimension

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



420F00



571400



422F00



211F1E



611600



E03300

Inverse Universe

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



003342



004357



001342



1E2021



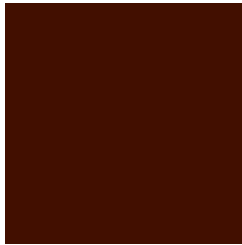
004B61



00ADE0

Previews

White Background



This preview shows how the Hex color 420F00 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

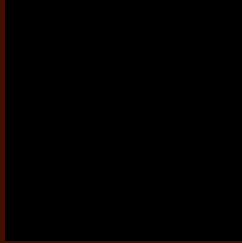
Any Text WCAG AA × Fail

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 420F00 Background



This preview shows how black text looks on a background with the Hex color 420F00.



This preview shows how white text looks on a background with the Hex color 420F00.

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
420F00

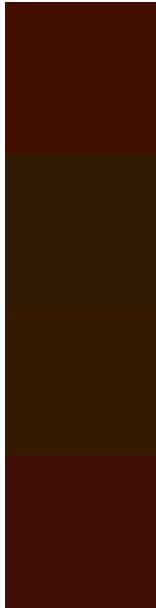
Protanopia
272308

Deuteranopia
2C2100



Tritanopia
420E0E

Trichromacy



Original Color
420F00

Protanomaly
311C05

Deuteranomaly
341A00

Tritanomaly
420E09

Monochromacy



Original Color
420F00

Achromatopsia
1D1D1D

Achromatomaly
2A1812

CSS Examples

Text

The CSS property to change the color of the text to Hex 420F00 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 #420F00 looks like.

```
.text, #text, p{  
    color:#420F00  
}
```

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 #420F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #420F00
}
```

Border

The CSS property to change the border of an element to Hex 420F00 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".

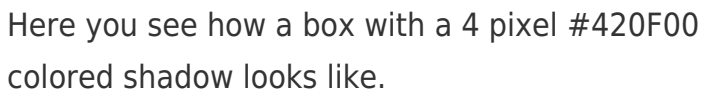
```
.border, #border, table{ border:4px solid
#420F00 }
```

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

```
.border{ border-color:#420F00 }
```

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

Here you see how a box with a 4 pixel #420F00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #420F00; -webkit-box-shadow:4px 4px  
4px 4px #420F00; box-shadow:4px 4px 4px  
4px #420F00 }
```

Background

The CSS property to change the background color of an element to Hex 420F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#420F00 }
```

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

```
.background{ background-color:#420F00 }
```

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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