

Converting Colors

Hex(42002F)

Have a look what the booklet for
Hex(42002F) contains.

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Color

Hex(42002F)

Conversions

Conversions Part 1

Format	Color
Hex	42002F
RGB	66, 0, 47
RGB Percent	26%, 0%, 18%
CMY	0.7412, 1.0000, 0.8157
CMYK	0.00, 1.00, 0.29, 0.74
HSL	317°, 100%, 13%
HSV	317°, 100%, 26%
XYZ	2.7599, 1.3635, 2.8070
YIQ	25.0920, 24.2490, 28.6090

Conversions

Conversions Part 2

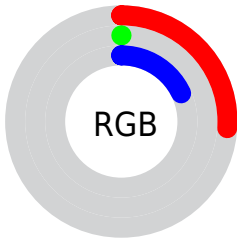
Format	Color
RYB	66, 0, 47
Decimal	4325423
CIELab	11.71, 34.23, -11.30
CIELCh	12, 36.048, 341.727
Yxy	1.3635, 0.3982, 0.1967
Android (android.graphics.Color)	4282515503 (0xFF42002F)
YUV	25.0920, 10.8006, 35.8763
Hunter-Lab	11.6768, 21.7545, -6.0792

Details

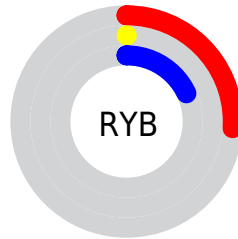
The Hex color **42002F** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **004213**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **75335D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **42002F**, and if you desaturate by 10%, it is **420731**.

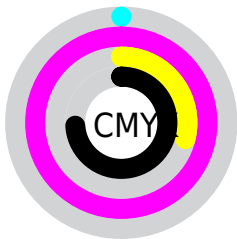
Distribution



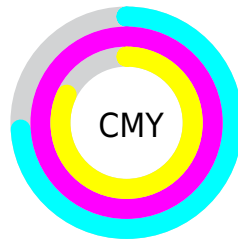
- Red (26%)
- Green (0%)
- Blue (18%)



- Red (26%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (29%)
- Black (74%)



- Cyan (74%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42002F 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 42002F by changing the saturation by 10% instead.

 42002F

 42002F

 FFEDFF

 2C001B

 75335D

 000000

 904C76

 AB658F

 C77FAA

 E399C5

 FFB4E1

 FFD0FE

 42002F

■ 420731

■ 420D33

■ 421435

■ 421A37

■ 422139

■ 42283A

■ 422E3C

■ 42353E

■ 423B40

Harmonies

Analogous

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



2A1244



42002F



490017

Triad

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



42002F



1F2100



002940

Complementary

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



42002F



004213

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.



002A28



42002F



002600

Square

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



42002F



341800



00290D



00264E

Rectangle

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



42002F



460200



00290D



002939

Sweetspot

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



42002F



573D4F



130042



2B1C27



ABABAB



2B2B2B

Same Dimension

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



42002F



57003E



42000E



211E20



610045



E000A0

Inverse Universe

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



42002F



57003E



004234



211E20



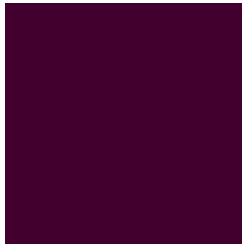
610045



E000A0

Previews

White Background



This preview shows how the Hex color 42002F looks on a white background.

Color Contrast Check

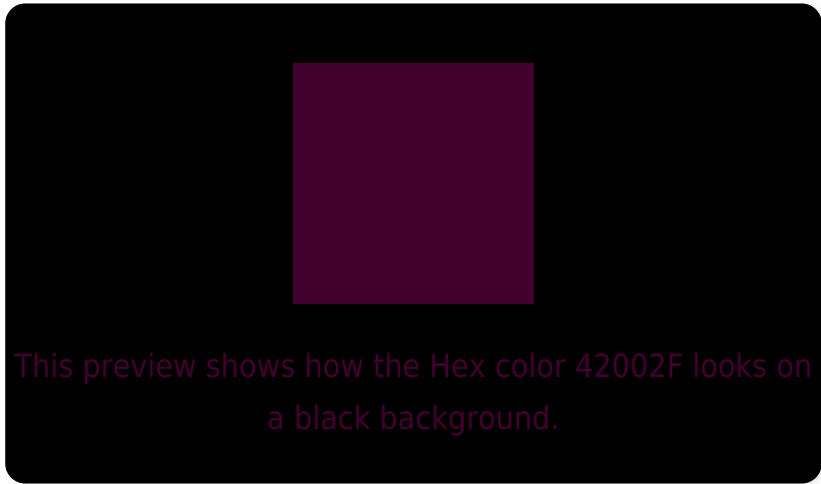
Large Text (above 18pt) WCAG AA ✓ Pass

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

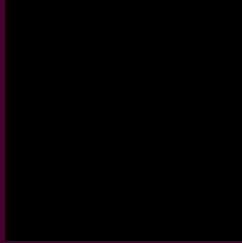
Any Text WCAG AA × Fail

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 42002F Background



This preview shows how black text looks on a background with the Hex color 42002F.



This preview shows how white text looks on a background with the Hex color 42002F.

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
42002F

Protanopia
122243

Deuteranopia
23232C



Tritanopia
401313

Trichromacy



Original Color
42002F

Protanomaly
23163C

Deuteranomaly
2E162D

Tritanomaly
410C1D

Monochromacy



Original Color
42002F

Achromatopsia
191919

Achromatomaly
281021

CSS Examples

Text

The CSS property to change the color of the text to Hex 42002F 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 #42002F looks like.

```
.text, #text, p{  
    color:#42002F  
}
```

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 #42002F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42002F
}
```

Border

The CSS property to change the border of an element to Hex 42002F 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".

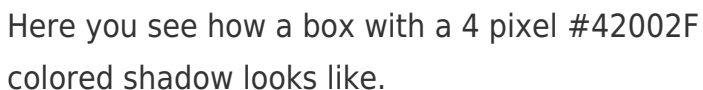
```
.border, #border, table{ border:4px solid
#42002F }
```

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

```
.border{ border-color:#42002F }
```

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

Here you see how a box with a 4 pixel #42002F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42002F; -webkit-box-shadow:4px 4px  
4px 4px #42002F; box-shadow:4px 4px 4px  
4px #42002F }
```

Background

The CSS property to change the background color of an element to Hex 42002F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42002F }
```

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

```
.background{ background-color:#42002F }
```

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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