

Converting Colors

Hex(421B4A)

Have a look what the booklet for
Hex(421B4A) contains.

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Color

Hex(421B4A)

Conversions

Conversions Part 1

Format	Color
Hex	421B4A
RGB	66, 27, 74
RGB Percent	26%, 11%, 29%
CMY	0.7412, 0.8941, 0.7098
CMYK	0.11, 0.64, 0.00, 0.71
HSL	290°, 47%, 20%
HSV	290°, 64%, 29%
XYZ	3.8747, 2.4365, 6.7446
YIQ	44.0190, 8.1570, 22.8850

Conversions

Conversions Part 2

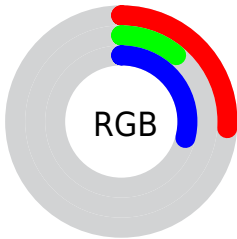
Format	Color
R _Y B	66, 27, 74
Decimal	4332362
CIE Lab	17.63, 27.13, -21.15
CIE LCh	18, 34.402, 322.057
Yxy	2.4365, 0.2968, 0.1866
Android (android.graphics.Color)	4282522442 (0xFF421B4A)
YUV	44.0190, 14.7806, 19.2773
Hunter-Lab	15.6094, 16.9928, -14.6920

Details

The Hex color **421B4A** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **234A1B**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **74497B**, and **15001E** is the 20% darker color. If you saturate the color by 10%, you get **41144A**, and if you desaturate by 10%, it is **43224A**.

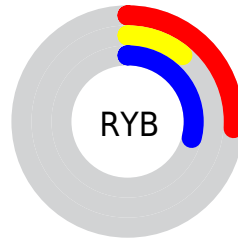
Distribution



Red (26%)

Green (11%)

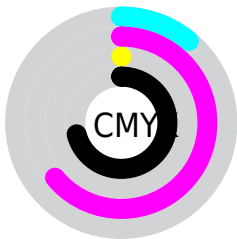
Blue (29%)



Red (26%)

Yellow (11%)

Blue (29%)

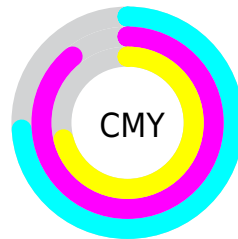


Cyan (11%)

Magenta (64%)

Yellow (0%)

Black (71%)



Cyan (74%)

Magenta (89%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 421B4A 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 421B4A by changing the saturation by 10% instead.



421B4A



421B4A

FFFFFF



2B0533



74497B



15001E



8E6195



000000



A87BB0



C495CB



E0B0E7



FDCBFF



FFE8FF



421B4A



421B4A

■ 41144A

■ 43224A

■ 3F0C4A

■ 452A4A

■ 3E054A

■ 46314A

■ 3D004A

■ 47394A

■ 48404A

■ 4A474A

■ 4B4F4A

■ 4C564A

■ 4D5E4A

Harmonies

Analogous

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



1A285A



421B4A



530F33

Triad

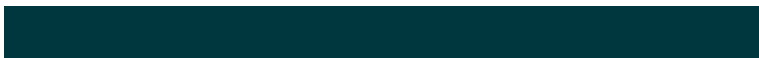
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



421B4A



3C2800



00363D

Complementary

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



421B4A



234A1B

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.



003624



421B4A



262F00

Square

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



421B4A



4D1D00



003408



003552

Rectangle

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



421B4A



560E22



003408



003635

Sweetspot

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



421B4A



5E4E61



1B244A



2F2530



B0B0B0



303030

Same Dimension

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



421B4A



541761



4A1B3B



262226



550066



BE00E6

Inverse Universe

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



4A1B23



611724



1B4A2A



262223



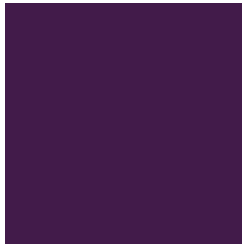
660011



E60027

Previews

White Background



This preview shows how the Hex color 421B4A looks on a white background.

Color Contrast Check

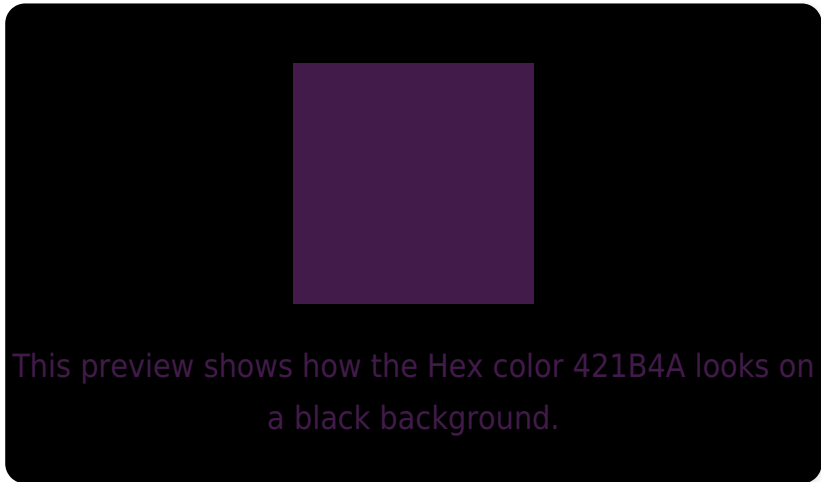
Large Text (above 18pt) WCAG AA ✓ Pass

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

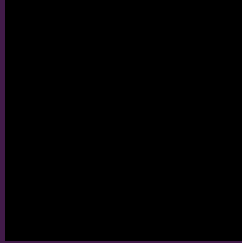
Any Text WCAG AA × Fail

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 421B4A Background



This preview shows how black text looks on a background with the Hex color 421B4A.



This preview shows how white text looks on a background with the Hex color 421B4A.

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
421B4A

Protanopia
0A2B59

Deuteranopia
1D2C47



Tritanopia
3D2528

Trichromacy



Original Color
421B4A

Protanomaly
1E2554

Deuteranomaly
2A2648

Tritanomaly
3F2134

Monochromacy



Original Color
421B4A

Achromatopsia
2C2C2C

Achromatomaly
342637

CSS Examples

Text

The CSS property to change the color of the text to Hex 421B4A 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 #421B4A looks like.

```
.text, #text, p{  
    color:#421B4A  
}
```

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 #421B4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #421B4A
}
```

Border

The CSS property to change the border of an element to Hex 421B4A is called "border". The border property can be set on classes, ids or directly on the HTML element.

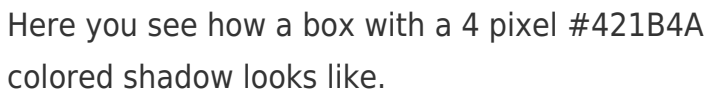
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#421B4A }
```

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

```
.border{ border-color:#421B4A }
```

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



Here you see how a box with a 4 pixel #421B4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #421B4A; -webkit-box-shadow:4px 4px  
4px 4px #421B4A; box-shadow:4px 4px 4px  
4px #421B4A }
```

Background

The CSS property to change the background color of an element to Hex 421B4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#421B4A }
```

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

```
.background{ background-color:#421B4A }
```

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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