

Converting Colors

Hex(421F47)

Have a look what the booklet for
Hex(421F47) contains.

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Color

Hex(421F47)

Conversions

Conversions Part 1

Format	Color
Hex	421F47
RGB	66, 31, 71
RGB Percent	26%, 12%, 28%
CMY	0.7412, 0.8784, 0.7216
CMYK	0.07, 0.56, 0.00, 0.72
HSL	292°, 39%, 20%
HSV	292°, 56%, 28%
XYZ	3.8741, 2.5932, 6.2576
YIQ	46.0250, 8.0200, 19.8600

Conversions

Conversions Part 2

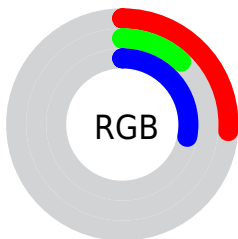
Format	Color
R_{YB}	66, 31, 71
Decimal	4333383
CIE _{Lab}	18.33, 24.08, -17.98
CIE _{LCh}	18, 30.053, 323.245
Yxy	2.5932, 0.3045, 0.2038
Android (android.graphics.Color)	4282523463 (0xFF421F47)
YUV	46.0250, 12.3127, 17.5181
Hunter-Lab	16.1033, 14.7623, -11.7672

Details

The Hex color **421F47** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **24471F**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **734D78**, and **16001C** is the 20% darker color. If you saturate the color by 10%, you get **411847**, and if you desaturate by 10%, it is **432647**.

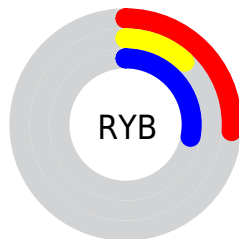
Distribution



Red (26%)

Green (12%)

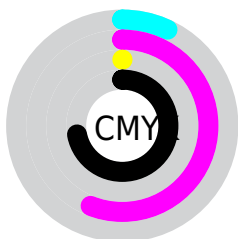
Blue (28%)



Red (26%)

Yellow (12%)

Blue (28%)

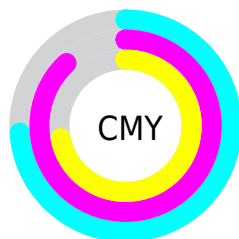


Cyan (7%)

Magenta (56%)

Yellow (0%)

Black (72%)



Cyan (74%)

Magenta (88%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 421F47 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 421F47 by changing the saturation by 10% instead.

■ 421F47

■ 421F47

FFFFFF

■ 2B0930

■ 734D78

■ 16001C

■ 8D6591

■ 000000

■ A87EAC

■ C399C7

■ E0B3E3

■ FCCFFF

■ FFECFF

■ 421F47

■ 421F47

■ 411847

■ 432647

■ 401147

■ 442D47

■ 3F0A47

■ 453447

■ 3E0347

■ 463B47

■ 3E0047

■ 464347

■ 474A47

■ 485147

■ 495847

■ 4A5F47

Harmonies

Analogous

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



222955



421F47



511733

Triad

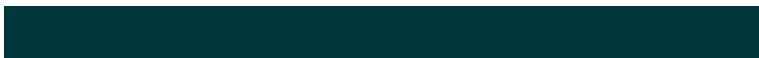
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



421F47



3C2A00



00373D

Complementary

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



421F47



24471F

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.



003627



421F47



283100

Square

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



421F47



4B2107



073511



00354F

Rectangle

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



421F47



541724



073511



003736

Sweetspot

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



421F47



5A4C5C



1F2447



2D252E



ADADAD



2E2E2E

Same Dimension

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



421F47



541D5C



471F38



232024



570063



C700E3

Inverse Universe

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



471F24



5C1D25



1F472E



242021



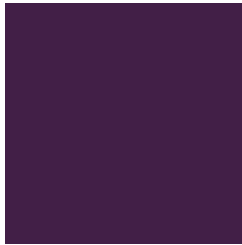
63000C



E3001C

Previews

White Background



This preview shows how the Hex color 421F47 looks on a white background.

Color Contrast Check

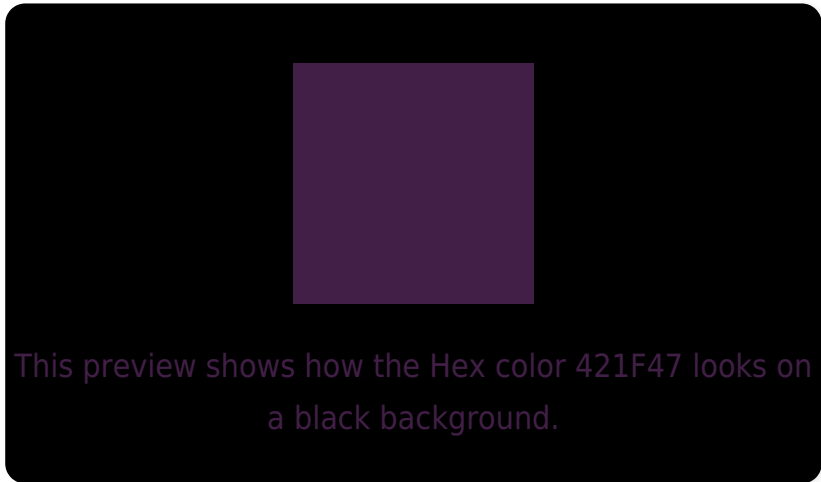
Large Text (above 18pt) WCAG AA ✓ Pass

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

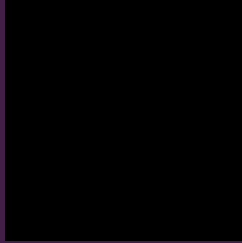
Any Text WCAG AA × Fail

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 421F47 Background



This preview shows how black text looks on a background with the Hex color 421F47.



This preview shows how white text looks on a background with the Hex color 421F47.

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](#).

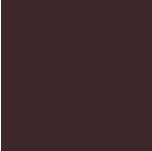
Dichromacy



Original Color
421F47

Protanopia
1A2C53

Deuteranopia
232D44



Tritanopia
3E272A

Trichromacy



Original Color
421F47

Protanomaly
29274F

Deuteranomaly
2E2845

Tritanomaly
3F2435

Monochromacy



Original Color
421F47

Achromatopsia
2E2E2E

Achromatomaly
352937

CSS Examples

Text

The CSS property to change the color of the text to Hex 421F47 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 #421F47 looks like.

```
.text, #text, p{  
    color:#421F47  
}
```

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 #421F47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #421F47  
}
```

Border

The CSS property to change the border of an element to Hex 421F47 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  
#421F47 }
```

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

```
.border{ border-color:#421F47 }
```

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

Here you see how a box with a 4 pixel #421F47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #421F47; -webkit-box-shadow:4px 4px  
4px 4px #421F47; box-shadow:4px 4px 4px  
4px #421F47 }
```

Background

The CSS property to change the background color of an element to Hex 421F47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#421F47 }
```

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

```
.background{ background-color:#421F47 }
```

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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