

Converting Colors

Hex(421E6B)

Have a look what the booklet for
Hex(421E6B) contains.

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Color

Hex(421E6B)

Conversions

Conversions Part 1

Format	Color
Hex	421E6B
RGB	66, 30, 107
RGB Percent	26%, 12%, 42%
CMY	0.7412, 0.8824, 0.5804
CMYK	0.38, 0.72, 0.00, 0.58
HSL	268°, 56%, 27%
HSV	268°, 72%, 42%
XYZ	5.3649, 3.1483, 14.2348
YIQ	49.5420, -3.2610, 31.5790

Conversions

Conversions Part 2

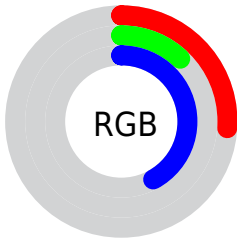
Format	Color
R_{YB}	66, 30, 107
Decimal	4333163
CIE _{Lab}	20.63, 33.92, -38.35
CIE _{LCh}	21, 51.199, 311.487
Yxy	3.1483, 0.2358, 0.1384
Android (android.graphics.Color)	4282523243 (0xFF421E6B)
YUV	49.5420, 28.3268, 14.4337
Hunter-Lab	17.7435, 22.9195, -35.1452

Details

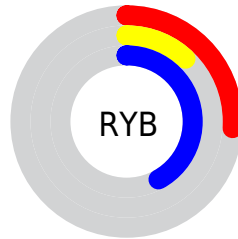
The Hex color **421E6B** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **476B1E**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **764D9F**, and **15003B** is the 20% darker color. If you saturate the color by 10%, you get **3C136B**, and if you desaturate by 10%, it is **48296B**.

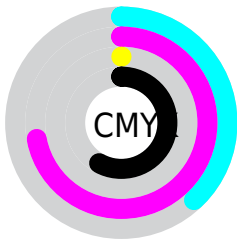
Distribution



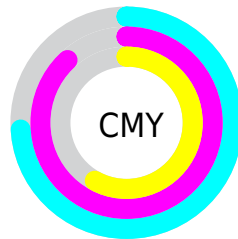
- Red (26%)
- Green (12%)
- Blue (42%)



- Red (26%)
- Yellow (12%)
- Blue (42%)



- Cyan (38%)
- Magenta (72%)
- Yellow (0%)
- Black (58%)



- Cyan (74%)
- Magenta (88%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 421E6B 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 421E6B by changing the saturation by 10% instead.

■ 421E6B

■ 421E6B

FFFFFF

■ 290652

■ 764D9F

■ 15003B

■ 9066BA

■ 000224

■ AC7FD6

■ 00000C

■ C899F3

■ 000000

■ E4B5FF

■ FFD0FF

■ FFEDFF

■ 421E6B

■ 421E6B

■ 3C136B

■ 48296B

■ 37096B

■ 4D336B

■ 32006B

■ 533E6B

■ 59496B

■ 5E546B

■ 645E6B

■ 6A696B

■ 70746B

■ 757E6B

Harmonies

Analogous

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



00327D



421E6B



67004A

Triad

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



421E6B



512700



004140

Complementary

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



421E6B



476B1E

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.



003F18



421E6B



313500

Square

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



421E6B



680B00



003C00



004063

Rectangle

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



421E6B



700032



003C00



004033

Sweetspot

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



421E6B



7C6D8C



1E476B



3E3547



C7C7C7



474747

Same Dimension

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



421E6B



4C148C



681E6B



333036



370075



7200F5

Inverse Universe

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



6B1E47



8C1454



216B1E



363033



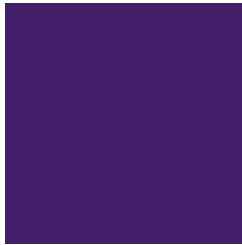
75003E



F50082

Previews

White Background



This preview shows how the Hex color 421E6B looks on a white background.

Color Contrast Check

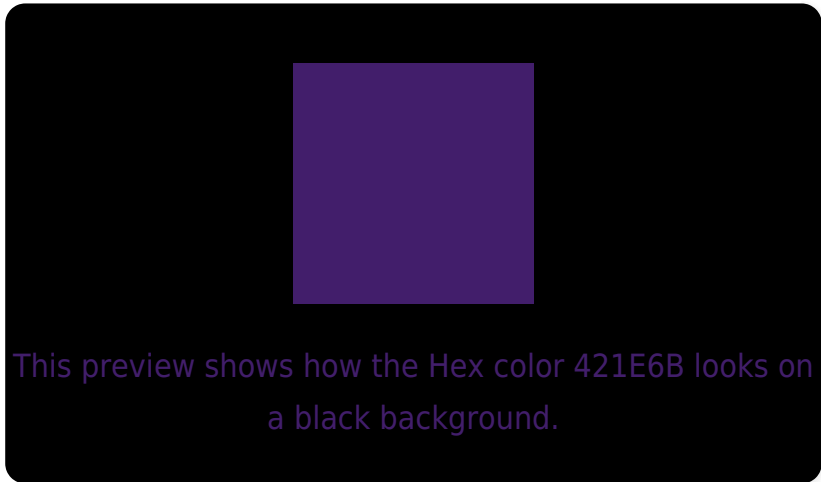
Large Text (above 18pt) WCAG AA ✓ Pass

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

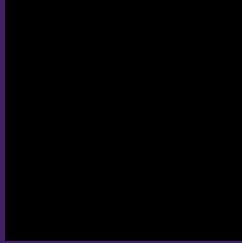
Any Text WCAG AA × Fail

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 421E6B Background



This preview shows how black text looks on a background with the Hex color 421E6B.

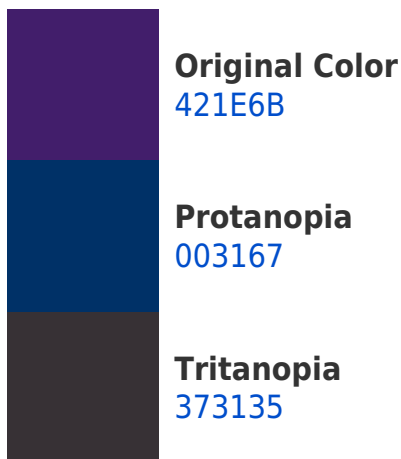


This preview shows how white text looks on a background with the Hex color 421E6B.

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



Trichromacy



Original Color
421E6B

Protanomaly
182A68

Tritanomaly
3B2A49

Monochromacy



Original Color
421E6B

Achromatopsia
323232

Achromatomaly
382B47

CSS Examples

Text

The CSS property to change the color of the text to Hex 421E6B 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 #421E6B looks like.

```
.text, #text, p{  
    color:#421E6B  
}
```

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 #421E6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #421E6B
}
```

Border

The CSS property to change the border of an element to Hex 421E6B is called "border". The border property can be set on classes, ids or directly on the HTML element.

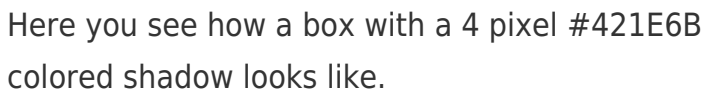
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#421E6B }
```

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

```
.border{ border-color:#421E6B }
```

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



Here you see how a box with a 4 pixel #421E6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #421E6B; -webkit-box-shadow:4px 4px  
4px 4px #421E6B; box-shadow:4px 4px 4px  
4px #421E6B }
```

Background

The CSS property to change the background color of an element to Hex 421E6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#421E6B }
```

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

```
.background{ background-color:#421E6B }
```

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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