

Converting Colors

Hex(421D8F)

Have a look what the booklet for
Hex(421D8F) contains.

Hex(421D8F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(421D8F)

Conversions

Conversions Part 1

Format	Color
Hex	421D8F
RGB	66, 29, 143
RGB Percent	26%, 11%, 56%
CMY	0.7412, 0.8863, 0.4392
CMYK	0.54, 0.80, 0.00, 0.44
HSL	259°, 66%, 34%
HSV	259°, 80%, 56%
XYZ	7.6441, 4.0202, 26.3597
YIQ	53.0590, -14.5420, 43.2980

Conversions

Conversions Part 2

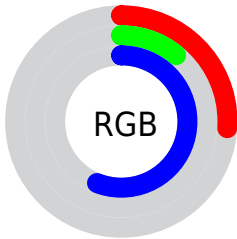
Format	Color
R_{YB}	66, 29, 143
Decimal	4332943
CIE _{Lab}	23.74, 44.54, -56.14
CIE _{LCh}	24, 71.659, 308.429
Yxy	4.0202, 0.2010, 0.1057
Android (android.graphics.Color)	4282523023 (0xFF421D8F)
YUV	53.0590, 44.3409, 11.3493
Hunter-Lab	20.0503, 32.9640, -63.9120

Details

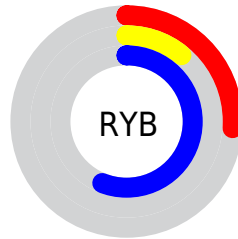
The Hex color **421D8F** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **6A8F1D**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **7A4EC6**, and **00005B** is the 20% darker color. If you saturate the color by 10%, you get **380F8F**, and if you desaturate by 10%, it is **4C2B8F**.

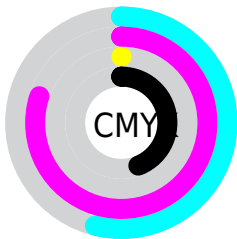
Distribution



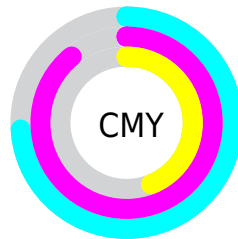
- Red (26%)
- Green (11%)
- Blue (56%)



- Red (26%)
- Yellow (11%)
- Blue (56%)



- Cyan (54%)
- Magenta (80%)
- Yellow (0%)
- Black (44%)



- Cyan (74%)
- Magenta (89%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 421D8F 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 421D8F by changing the saturation by 10% instead.

421D8F

421D8F

FFFFFF

230275

7A4EC6

00005B

9667E2

000043

B381FF

00032C

D09CFF

000116

EDB7FF

000000

FFD3FF

FFEFFF

421D8F

421D8F

■ 380F8F

■ 4C2B8F

■ 2F008F

■ 553A8F

■ 2E008F

■ 5F488F

■ 69568F

■ 72658F

■ 7C738F

■ 86818F

■ 8F8F8F

■ 999E8F

Harmonies

Analogous

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



003DA7



421D8F



7F0061

Triad

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



421D8F



642500



004B47

Complementary

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



421D8F



6A8F1D

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.



00490A



421D8F



393C00

Square

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



421D8F



830000



004600



004C7C

Rectangle

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



421D8F



8D003E



004600



004B34

Sweetspot

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



421D8F



9C8DBA



1D6B8F



4C435E



DEDEDE



5E5E5E

Same Dimension

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



421D8F



4107BA



7A1D8F



434047



2C0087



020008

Inverse Universe

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



8F1D6A



BA0780



328F1D



474045



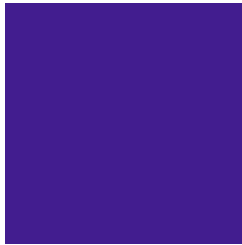
87005B



080005

Previews

White Background



This preview shows how the Hex color 421D8F looks on a white background.

Color Contrast Check

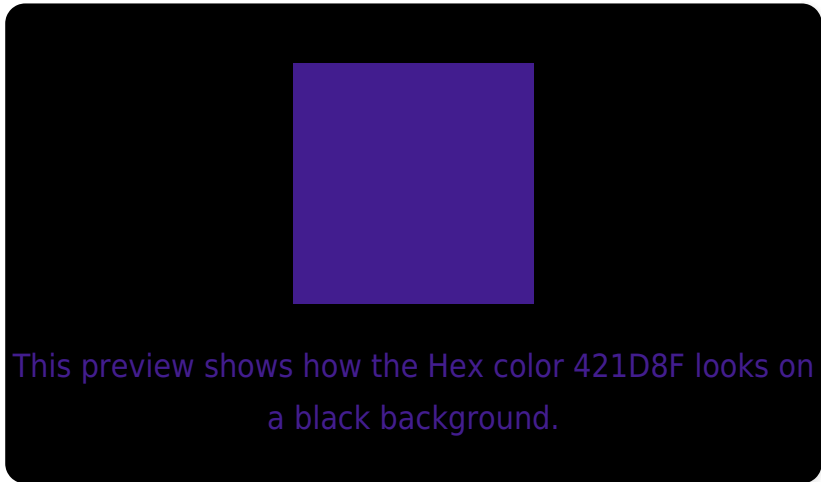
Large Text (above 18pt) WCAG AA ✓ Pass

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

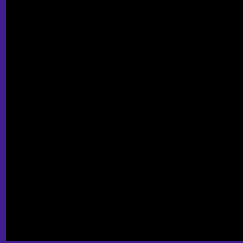
Any Text WCAG AA × Fail

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 421D8F Background



This preview shows how black text looks on a background with the Hex color 421D8F.

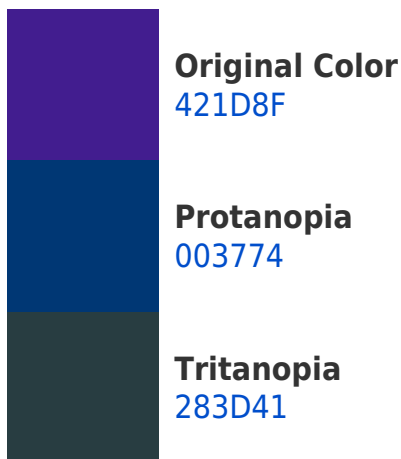


This preview shows how white text looks on a background with the Hex color 421D8F.

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

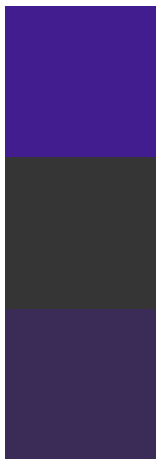


Original Color
421D8F

Protanomaly
182E7E

Tritanomaly
31315D

Monochromacy



Original Color
421D8F

Achromatopsia
353535

Achromatomaly
3A2C56

CSS Examples

Text

The CSS property to change the color of the text to Hex 421D8F 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 #421D8F looks like.

```
.text, #text, p{  
    color:#421D8F  
}
```

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 #421D8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #421D8F
}
```

Border

The CSS property to change the border of an element to Hex 421D8F 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".

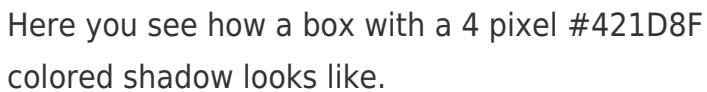
```
.border, #border, table{ border:4px solid
#421D8F }
```

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

```
.border{ border-color:#421D8F }
```

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

Here you see how a box with a 4 pixel #421D8F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #421D8F; -webkit-box-shadow:4px 4px  
4px 4px #421D8F; box-shadow:4px 4px 4px  
4px #421D8F }
```

Background

The CSS property to change the background color of an element to Hex 421D8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#421D8F }
```

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

```
.background{ background-color:#421D8F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor