

Converting Colors

Hex(421B93)

Have a look what the booklet for
Hex(421B93) contains.

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Color

Hex(421B93)

Conversions

Conversions Part 1

Format	Color
Hex	421B93
RGB	66, 27, 147
RGB Percent	26%, 11%, 58%
CMY	0.7412, 0.8941, 0.4235
CMYK	0.55, 0.82, 0.00, 0.42
HSL	260°, 69%, 34%
HSV	260°, 82%, 58%
XYZ	7.9052, 4.0487, 27.9686
YIQ	52.3410, -15.2760, 45.5880

Conversions

Conversions Part 2

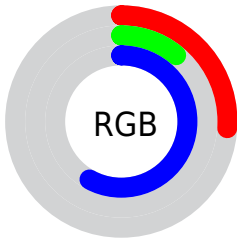
Format	Color
R_{YB}	66, 27, 147
Decimal	4332435
CIE _{Lab}	23.83, 46.56, -58.46
CIE _{LCh}	24, 74.738, 308.538
Yxy	4.0487, 0.1980, 0.1014
Android (android.graphics.Color)	4282522515 (0xFF421B93)
YUV	52.3410, 46.6669, 11.9789
Hunter-Lab	20.1214, 34.9155, -68.3277




Details

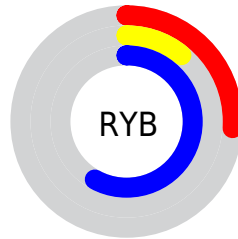
The Hex color **421B93** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **6C931B**, and the grayscale version is **343434**.




A 20% lighter version of the original color is **7B4DCA**, and **00005F** is the 20% darker color. If you saturate the color by 10%, you get **380C93**, and if you desaturate by 10%, it is **4C2A93**.

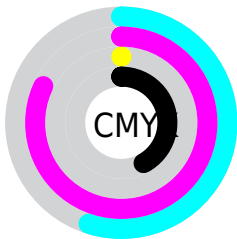
Distribution







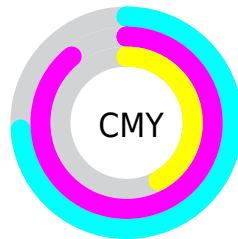
-  Red (26%)
-  Green (11%)
-  Blue (58%)






-  Red (26%)
-  Yellow (11%)
-  Blue (58%)



-  Cyan (55%)
-  Magenta (82%)
-  Yellow (0%)
-  Black (42%)



-  Cyan (74%)
-  Magenta (89%)
-  Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 421B93 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 421B93 by changing the saturation by 10% instead.

■ 421B93

■ 421B93

FFFFFF

■ 220079

■ 7B4DCA

■ 00005F

■ 9766E7

■ 000046

■ B480FF

■ 00042F

■ D19AFF

■ 000119

■ EFB6FF

■ 000000

■ FFD2FF

■ FFEEFF

■ 421B93

■ 421B93

■ 380C93

■ 4C2A93

■ 300093

■ 563893

■ 604793

■ 6A5693

■ 746493

■ 7E7393

■ 878293

■ 919193

■ 9B9F93

Harmonies

Analogous

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



003DAC



421B93



820063

Triad

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



421B93



662400



004C48

Complementary

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



421B93



6C931B

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.



004A08



421B93



383C00

Square

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



421B93



860000



004600



004D7F

Rectangle

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



421B93



91003E



004600



004B34

Sweetspot

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



421B93



A091BF



1B6D93



4E4561



E0E0E0



616161

Same Dimension

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



421B93



4104BF



7D1B93



45434A



2D008A



03000A

Inverse Universe

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



931B6C



BF0482



31931B



4A4348



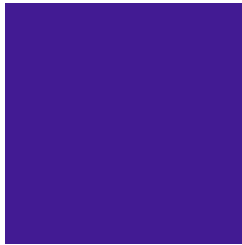
8A005D



0A0007

Previews

White Background



This preview shows how the Hex color 421B93 looks on a white background.

Color Contrast Check

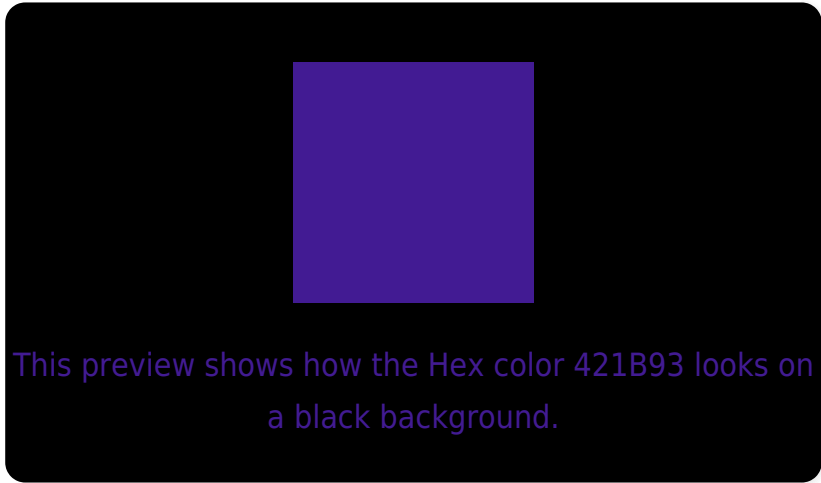
Large Text (above 18pt) WCAG AA ✓ Pass

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

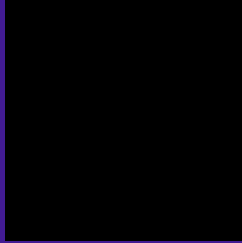
Any Text WCAG AA × Fail

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 421B93 Background



This preview shows how black text looks on a background with the Hex color 421B93.



This preview shows how white text looks on a background with the Hex color 421B93.

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
421B93

Protanopia
003875

Deuteranopia
003B64



Tritanopia
263D42

Trichromacy



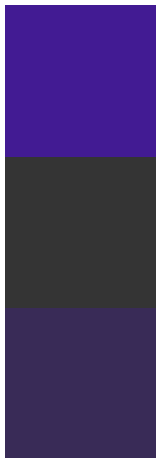
Original Color
421B93

Protanomaly
182D80

Deuteranomaly
182F75

Tritanomaly
30315F

Monochromacy



Original Color
421B93

Achromatopsia
343434

Achromatomaly
392B57

CSS Examples

Text

The CSS property to change the color of the text to Hex 421B93 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 #421B93 looks like.

```
.text, #text, p{  
    color:#421B93  
}
```

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 #421B93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #421B93
}
```

Border

The CSS property to change the border of an element to Hex 421B93 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
#421B93 }
```

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

```
.border{ border-color:#421B93 }
```

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

Here you see how a box with a 4 pixel #421B93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #421B93; -webkit-box-shadow:4px 4px  
4px 4px #421B93; box-shadow:4px 4px 4px  
4px #421B93 }
```

Background

The CSS property to change the background color of an element to Hex 421B93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#421B93 }
```

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

```
.background{ background-color:#421B93 }
```

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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