

Converting Colors

Hex(461BA2)

Have a look what the booklet for
Hex(461BA2) contains.

Hex(461BA2)	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>	29

Color

Hex(461BA2)

Conversions

Conversions Part 1

Format	Color
Hex	461BA2
RGB	70, 27, 162
RGB Percent	27%, 11%, 64%
CMY	0.7255, 0.8941, 0.3647
CMYK	0.57, 0.83, 0.00, 0.36
HSL	259°, 71%, 37%
HSV	259°, 83%, 64%
XYZ	9.4393, 4.6946, 34.5911
YIQ	55.2470, -17.7070, 51.1010

Conversions

Conversions Part 2

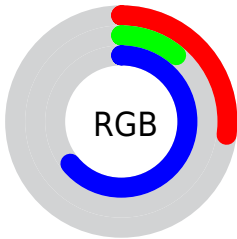
Format	Color
R_{YB}	70, 27, 162
Decimal	4594594
CIE _{Lab}	25.85, 51.17, -64.32
CIE _{LCh}	26, 82.193, 308.507
Yxy	4.6946, 0.1937, 0.0963
Android (android.graphics.Color)	4282784674 (0xFF461BA2)
YUV	55.2470, 52.6292, 12.9384
Hunter-Lab	21.6670, 39.8469, -79.4887

Details

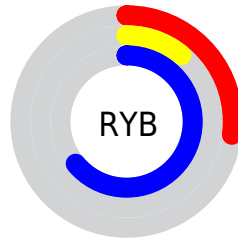
The Hex color **461BA2** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **77A21B**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **814EDA**, and **00006D** is the 20% darker color. If you saturate the color by 10%, you get **3B0BA2**, and if you desaturate by 10%, it is **512BA2**.

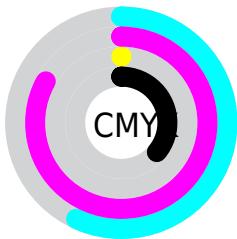
Distribution



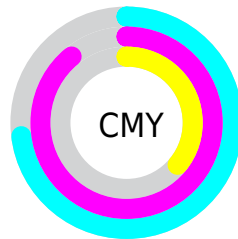
- Red (27%)
- Green (11%)
- Blue (64%)



- Red (27%)
- Yellow (11%)
- Blue (64%)



- Cyan (57%)
- Magenta (83%)
- Yellow (0%)
- Black (36%)



- Cyan (73%)
- Magenta (89%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 461BA2 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 461BA2 by changing the saturation by 10% instead.

461BA2

461BA2

FFFFFF

250087

814EDA

00006D

9E68F7

000054

BB82FF

00063B

D89DFF

000225

F6B8FF

00010D

FFD4FF

000000

FFF1FF

461BA2

461BA2

■ 3B0BA2

■ 512BA2

■ 3400A2

■ 5C3BA2

■ 674CA2

■ 725CA2

■ 7D6CA2

■ 887CA2

■ 938CA2

■ 9E9DA2

■ A9ADA2

Harmonies

Analogous

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



0043BE



461BA2



8F006D

Triad

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



461BA2



6F2600



00524E

Complementary

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



461BA2



77A21B

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.



005005



461BA2



3C4100

Square

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



461BA2



920000



004C00



00538C

Rectangle

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



461BA2



9F0044



004C00



005138

Sweetspot

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



461BA2



B09FD4



1B77A2



554B6B



EBEBEB



6B6B6B

Same Dimension

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



461BA2



4300D4



891BA2



4C4952



2E0091



060012

Inverse Universe

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



A21B77



D40090



34A21B



52494F



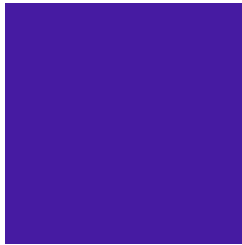
910063



12000C

Previews

White Background



This preview shows how the Hex color 461BA2 looks on a white background.

Color Contrast Check

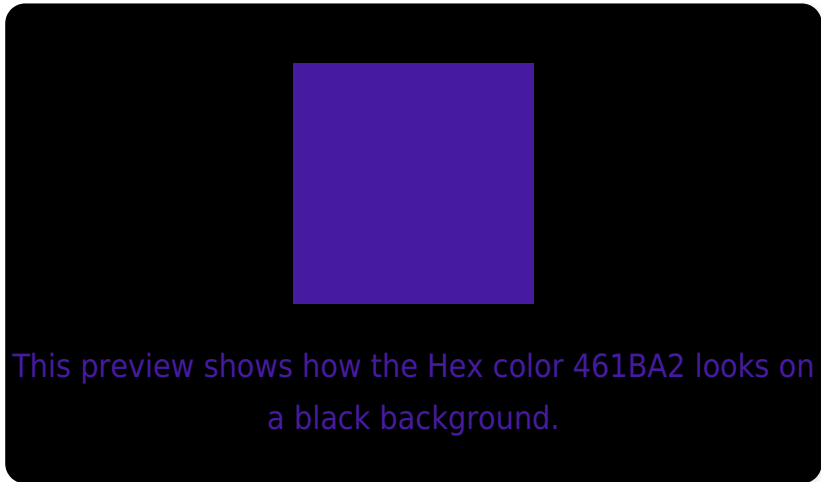
Large Text (above 18pt) WCAG AA ✓ Pass

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

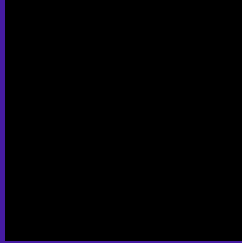
Any Text WCAG AA × Fail

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 461BA2 Background



This preview shows how black text looks on a background with the Hex color 461BA2.



This preview shows how white text looks on a background with the Hex color 461BA2.

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](#).

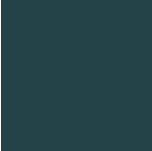
Dichromacy



Original Color
461BA2

Protanopia
003C7E

Deuteranopia
00406C



Tritanopia
244348

Trichromacy



Original Color
461BA2

Protanomaly
19308B

Deuteranomaly
193380

Tritanomaly
303469

Monochromacy



Original Color
461BA2

Achromatopsia
373737

Achromatomaly
3C2D5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 461BA2 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 #461BA2 looks like.

```
.text, #text, p{  
    color:#461BA2  
}
```

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 #461BA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #461BA2
}
```

Border

The CSS property to change the border of an element to Hex 461BA2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

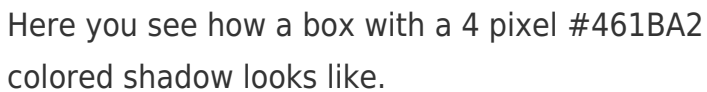
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#461BA2 }
```

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

```
.border{ border-color:#461BA2 }
```

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



Here you see how a box with a 4 pixel #461BA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #461BA2; -webkit-box-shadow:4px 4px  
4px 4px #461BA2; box-shadow:4px 4px 4px  
4px #461BA2 }
```

Background

The CSS property to change the background color of an element to Hex 461BA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#461BA2 }
```

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

```
.background{ background-color:#461BA2 }
```

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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