

Converting Colors

Hex(461A72)

Have a look what the booklet for
Hex(461A72) contains.

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Color

Hex(461A72)

Conversions

Conversions Part 1

Format	Color
Hex	461A72
RGB	70, 26, 114
RGB Percent	27%, 10%, 45%
CMY	0.7255, 0.8980, 0.5529
CMYK	0.39, 0.77, 0.00, 0.55
HSL	270°, 63%, 27%
HSV	270°, 77%, 45%
XYZ	5.9324, 3.2558, 16.2353
YIQ	49.1880, -2.0240, 36.6960

Conversions

Conversions Part 2

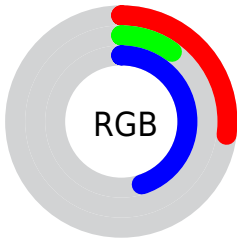
Format	Color
R_{YB}	70, 26, 114
Decimal	4594290
CIE _{Lab}	21.04, 38.68, -42.19
CIE _{LCh}	21, 57.238, 312.513
Yxy	3.2558, 0.2333, 0.1281
Android (android.graphics.Color)	4282784370 (0xFF461A72)
YUV	49.1880, 31.9523, 18.2521
Hunter-Lab	18.0438, 27.1106, -40.7170

Details

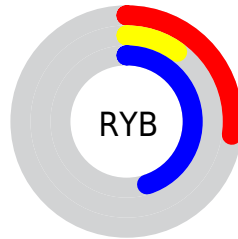
The Hex color **461A72** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **46721A**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **7B4AA7**, and **160041** is the 20% darker color. If you saturate the color by 10%, you get **400F72**, and if you desaturate by 10%, it is **4C2572**.

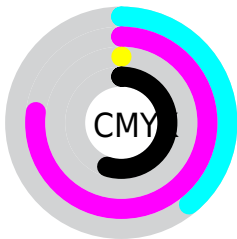
Distribution



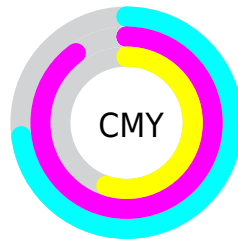
- Red (27%)
- Green (10%)
- Blue (45%)



- Red (27%)
- Yellow (10%)
- Blue (45%)



- Cyan (39%)
- Magenta (77%)
- Yellow (0%)
- Black (55%)



- Cyan (73%)
- Magenta (90%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 461A72 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 461A72 by changing the saturation by 10% instead.

■ 461A72

■ 461A72

FFFFFF

■ 2C0159

■ 7B4AA7

■ 160041

■ 9663C2

■ 00032A

■ B17DDE

■ 000114

■ CE97FB

■ 000000

■ EBB2FF

■ FFCEFF

■ FFE8FF

■ 461A72

■ 461A72

■ 400F72

■ 4C2572

■ 3B0372

■ 513172

■ 390072

■ 573C72

■ 5D4872

■ 635372

■ 685E72

■ 6E6A72

■ 747572

■ 798172

Harmonies

Analogous

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



003387



461A72



6E004D

Triad

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



461A72



532700



004344

Complementary

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



461A72



46721A

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.



004117



461A72



2F3700

Square

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



461A72



6D0200



003E00



00426C

Rectangle

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



461A72



770031



003E00



004235

Sweetspot

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



461A72



837294



1A4672



40354A



C9C9C9



4A4A4A

Same Dimension

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



461A72



4F0A94



721A72



353238



3C0078



7C00F7

Inverse Universe

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



721A46



940A4F



1A721A



383235



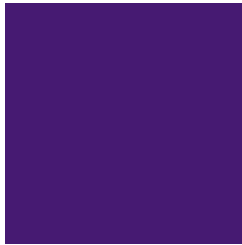
78003C



F7007C

Previews

White Background



This preview shows how the Hex color 461A72 looks on a white background.

Color Contrast Check

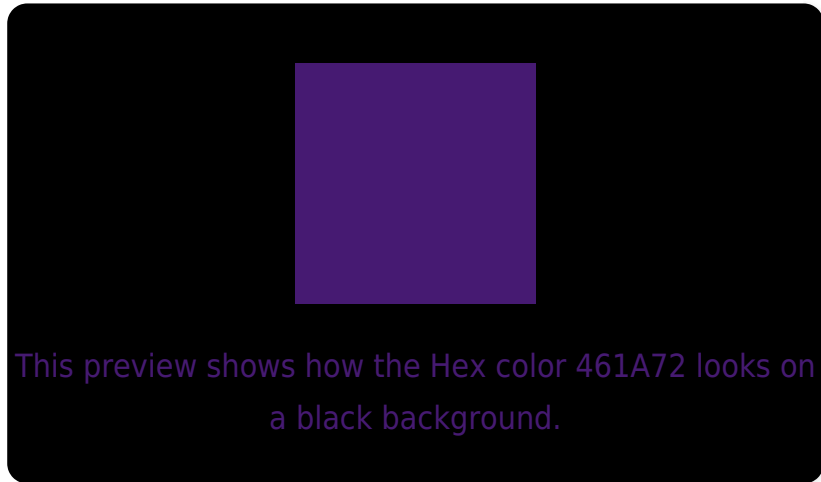
Large Text (above 18pt) WCAG AA ✓ Pass

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

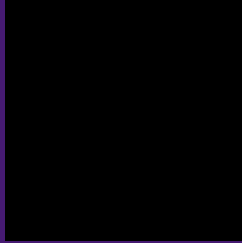
Any Text WCAG AA × Fail

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 461A72 Background



This preview shows how black text looks on a background with the Hex color 461A72.



This preview shows how white text looks on a background with the Hex color 461A72.

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
461A72

Protanopia
003269

Deuteranopia
00355B



Tritanopia
393135

Trichromacy



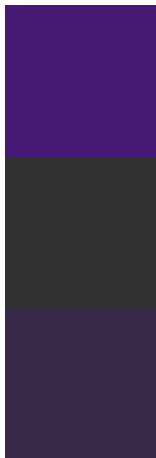
Original Color
461A72

Protanomaly
19296C

Deuteranomaly
192B63

Tritanomaly
3E294B

Monochromacy



Original Color
461A72

Achromatopsia
313131

Achromatomaly
392949

CSS Examples

Text

The CSS property to change the color of the text to Hex 461A72 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 #461A72 looks like.

```
.text, #text, p{  
    color:#461A72  
}
```

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 #461A72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #461A72
}
```

Border

The CSS property to change the border of an element to Hex 461A72 is called "border". The border property can be set on classes, ids or directly on the HTML element.

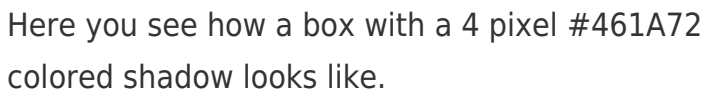
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#461A72 }
```

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

```
.border{ border-color:#461A72 }
```

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



Here you see how a box with a 4 pixel #461A72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #461A72; -webkit-box-shadow:4px 4px  
4px 4px #461A72; box-shadow:4px 4px 4px  
4px #461A72 }
```

Background

The CSS property to change the background color of an element to Hex 461A72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#461A72 }
```

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

```
.background{ background-color:#461A72 }
```

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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