

Converting Colors

Hex(4A417A)

Have a look what the booklet for
Hex(4A417A) contains.

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Color

Hex(4A417A)

Conversions

Conversions Part 1

Format	Color
Hex	4A417A
RGB	74, 65, 122
RGB Percent	29%, 25%, 48%
CMY	0.7098, 0.7451, 0.5216
CMYK	0.39, 0.47, 0.00, 0.52
HSL	249°, 30%, 37%
HSV	249°, 47%, 48%
XYZ	8.2272, 6.6416, 19.2607
YIQ	74.1890, -12.9330, 19.6350

Conversions

Conversions Part 2

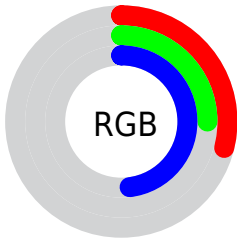
Format	Color
R_{YB}	74, 65, 122
Decimal	4866426
CIE _{Lab}	30.98, 18.69, -31.28
CIE _{LCh}	31, 36.437, 300.864
Yxy	6.6416, 0.2411, 0.1946
Android (android.graphics.Color)	4283056506 (0xFF4A417A)
YUV	74.1890, 23.5708, -0.1658
Hunter-Lab	25.7713, 11.8844, -26.2717

Details

The Hex color **4A417A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **717A41**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **7D71AF**, and **181649** is the 20% darker color. If you saturate the color by 10%, you get **40357A**, and if you desaturate by 10%, it is **544D7A**.

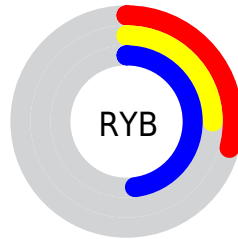
Distribution



 Red (29%)

 Green (25%)

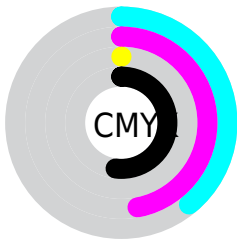
 Blue (48%)




 Red (29%)

 Yellow (25%)

 Blue (48%)

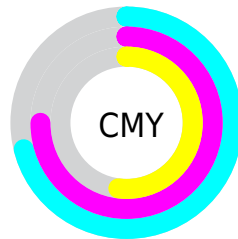


 Cyan (39%)

 Magenta (47%)

 Yellow (0%)

 Black (52%)



 Cyan (71%)

 Magenta (75%)

 Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A417A 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 4A417A by changing the saturation by 10% instead.

■ 4A417A

■ 4A417A

FFFFFF

■ 312B61

■ 7D71AF

■ 181649

■ 988ACA

■ 050032

■ B3A5E7

■ 00021C

■ CFC0FF

■ 000000

■ EBDCFF

■ FFF8FF

■ 4A417A

■ 4A417A

■ 40357A

■ 544D7A

■ 35297A

■ 5F597A

■ 2B1C7A

■ 69667A

■ 21107A

■ 73727A

■ 17047A

■ 7D7E7A

■ 13007A

■ 888A7A

■ 92967A

■ 9CA37A

■ A6AF7A

Harmonies

Analogous

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



004C82



4A417A



6C3565

Triad

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



4A417A



6D3D16



005649

Complementary

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



4A417A



717A41

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.



0B542C



4A417A



574809

Square

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



4A417A



7A322D



3A5014



005665

Rectangle

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



4A417A



782F53



3A5014



00563F

Sweetspot

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



4A417A



8B889E



41717A



44424F



CFCFCF



4F4F4F

Same Dimension

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



4A417A



54469E



66417A



38373D



14007D



2800FC

Inverse Universe

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



7A4171



9E4690



557A41



3D373C



7D0069



FC00D5

Previews

White Background



This preview shows how the Hex color 4A417A looks on a white background.

Color Contrast Check

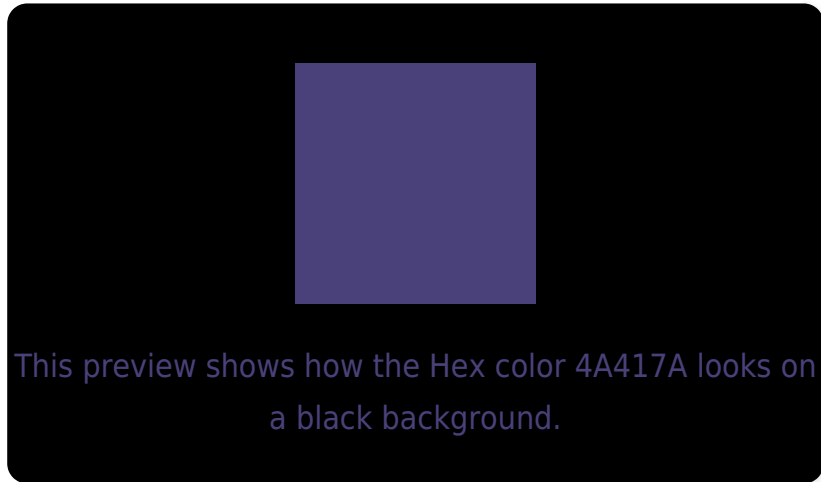
Large Text (above 18pt) WCAG AA ✓ Pass

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

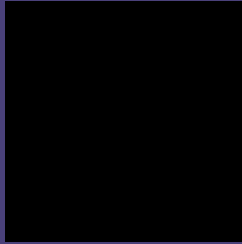
Any Text WCAG AA × Fail

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 4A417A Background



This preview shows how black text looks on a background with the Hex color 4A417A.



This preview shows how white text looks on a background with the Hex color 4A417A.

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

4A417A

Protanopia

2F4780

Deuteranopia

2B4978



Tritanopia
404B51

Trichromacy



Original Color
4A417A

Protanomaly
39457E

Deuteranomaly
364679

Tritanomaly
444760

Monochromacy



Original Color
4A417A

Achromatopsia
4A4A4A

Achromatomaly
4A475B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A417A 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 #4A417A looks like.

```
.text, #text, p{  
    color:#4A417A  
}
```

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 #4A417A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A417A
}
```

Border

The CSS property to change the border of an element to Hex 4A417A 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
#4A417A }
```

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

```
.border{ border-color:#4A417A }
```

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

Here you see how a box with a 4 pixel #4A417A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A417A; -webkit-box-shadow:4px 4px  
4px 4px #4A417A; box-shadow:4px 4px 4px  
4px #4A417A }
```

Background

The CSS property to change the background color of an element to Hex 4A417A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A417A }
```

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

```
.background{ background-color:#4A417A }
```

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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