

Converting Colors

Hex(414E7B)

Have a look what the booklet for
Hex(414E7B) contains.

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Color

Hex(414E7B)

Conversions

Conversions Part 1

Format	Color
Hex	414E7B
RGB	65, 78, 123
RGB Percent	25%, 31%, 48%
CMY	0.7451, 0.6941, 0.5176
CMYK	0.47, 0.37, 0.00, 0.52
HSL	227°, 31%, 37%
HSV	227°, 47%, 48%
XYZ	8.4795, 8.0027, 19.8366
YIQ	79.2430, -22.1930, 11.2390

Conversions

Conversions Part 2

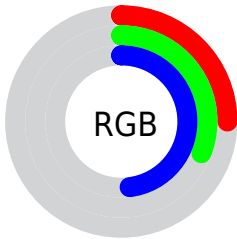
Format	Color
RYB	65, 76, 123
Decimal	4279931
CIELab	33.99, 7.95, -27.19
CIElCh	34, 28.330, 286.294
Yxy	8.0027, 0.2335, 0.2203
Android (android.graphics.Color)	4282470011 (0xFF414E7B)
YUV	79.2430, 21.5722, -12.4911
Hunter-Lab	28.2890, 3.9990, -21.7727

Details

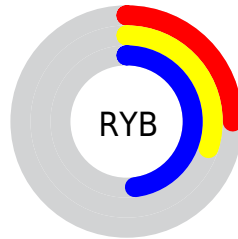
The Hex color **414E7B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7B6E41**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **747FB0**, and **0C224A** is the 20% darker color. If you saturate the color by 10%, you get **35447B**, and if you desaturate by 10%, it is **4D587B**.

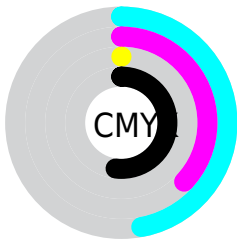
Distribution



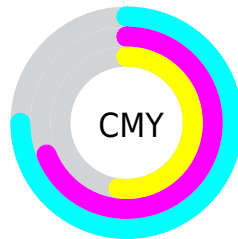
- Red (25%)
- Green (31%)
- Blue (48%)



- Red (25%)
- Yellow (30%)
- Blue (48%)



- Cyan (47%)
- Magenta (37%)
- Yellow (0%)
- Black (52%)



- Cyan (75%)
- Magenta (69%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 414E7B 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 414E7B by changing the saturation by 10% instead.

■ 414E7B

■ 414E7B

FFFFFF

■ 283762

■ 747FB0

■ 0C224A

■ 8E99CB

■ 000C33

■ A9B3E8

■ 00021D

■ C5CFFF

■ 000000

■ E2EBFF

■ 414E7B

■ 414E7B

■ 35447B

■ 4D587B

■ 283B7B

■ 5A617B

■ 1C317B

■ 666B7B

■ 10287B

■ 72747B

■ 031E7B

■ 7E7E7B

■ 001C7B

■ 8B877B

■ 97917B

■ A39A7B

■ B0A47B

Harmonies

Analogous

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



05557B



414E7B



61456F

Triad

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



414E7B



754330



135B45

Complementary

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



414E7B



7B6E41

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.



385830



414E7B



664B24

Square

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



414E7B



7B3E44



515323



005B5C

Rectangle

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



414E7B



704062



515323



225A3D

Sweetspot

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



414E7B



8A8FA1



417B6D



444752



D1D1D1



525252

Same Dimension

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



414E7B



455AA1



50417B



37383D



001C7D



0039FC

Inverse Universe

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



7B414E



A1455A



6C7B41



3D3738



7D001C



FC0039

Previews

White Background



This preview shows how the Hex color 414E7B looks on a white background.

Color Contrast Check

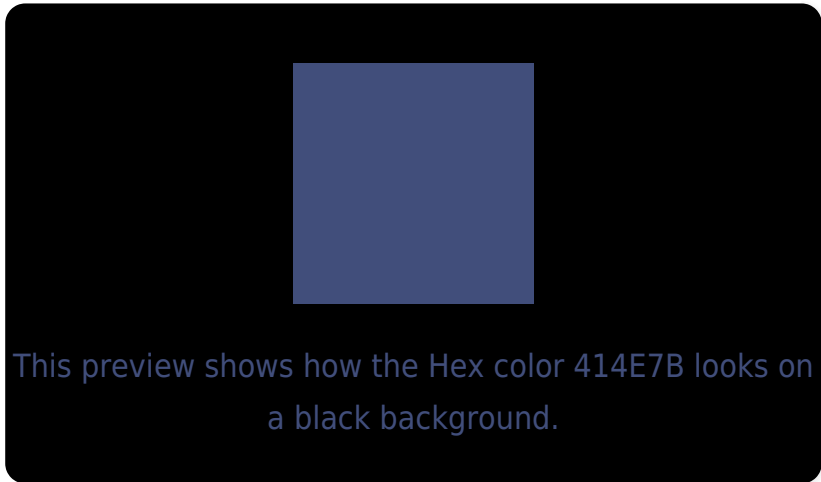
Large Text (above 18pt) WCAG AA ✓ Pass

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

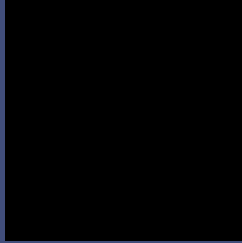
Any Text WCAG AA × Fail

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 414E7B Background



This preview shows how black text looks on a background with the Hex color 414E7B.



This preview shows how white text looks on a background with the Hex color 414E7B.

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
414E7B

Protanopia
404E7B

Deuteranopia
3A507B



Tritanopia
38555B

Trichromacy



Original Color
414E7B

Protanomaly
404E7B

Deuteranomaly
3D4F7B

Tritanomaly
3B5267

Monochromacy



Original Color
414E7B

Achromatopsia
4F4F4F

Achromatomaly
4A4F5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 414E7B 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 #414E7B looks like.

```
.text, #text, p{  
    color:#414E7B  
}
```

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 #414E7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #414E7B  
}
```

Border

The CSS property to change the border of an element to Hex 414E7B is called "border". The border property can be set on classes, ids or directly on the HTML element.

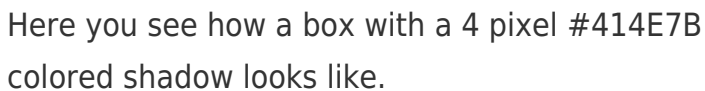
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#414E7B }
```

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

```
.border{ border-color:#414E7B }
```

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



Here you see how a box with a 4 pixel #414E7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #414E7B; -webkit-box-shadow:4px 4px  
4px 4px #414E7B; box-shadow:4px 4px 4px  
4px #414E7B }
```

Background

The CSS property to change the background color of an element to Hex 414E7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#414E7B }
```

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

```
.background{ background-color:#414E7B }
```

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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