

Converting Colors

Hex(414883)

Have a look what the booklet for
Hex(414883) contains.

Hex(414883)	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(414883)

Conversions

Conversions Part 1

Format	Color
Hex	414883
RGB	65, 72, 131
RGB Percent	25%, 28%, 51%
CMY	0.7451, 0.7176, 0.4863
CMYK	0.50, 0.45, 0.00, 0.49
HSL	234°, 34%, 38%
HSV	234°, 50%, 51%
XYZ	8.5941, 7.3972, 22.4476
YIQ	76.6330, -23.1110, 16.8650

Conversions

Conversions Part 2

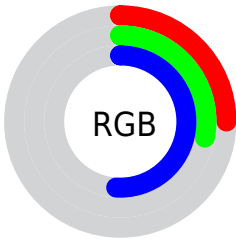
Format	Color
RYB	65, 71, 131
Decimal	4278403
CIELab	32.69, 14.53, -34.19
CIELCh	33, 37.151, 293.018
Yxy	7.3972, 0.2236, 0.1924
Android (android.graphics.Color)	4282468483 (0xFF414883)
YUV	76.6330, 26.8029, -10.2021
Hunter-Lab	27.1979, 8.8067, -29.8961

Details

The Hex color **414883** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **837C41**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7578B8**, and **071D51** is the 20% darker color. If you saturate the color by 10%, you get **343C83**, and if you desaturate by 10%, it is **4E5483**.

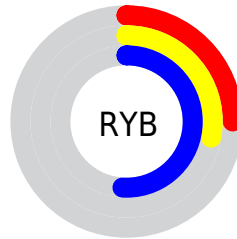
Distribution



Red (25%)

Green (28%)

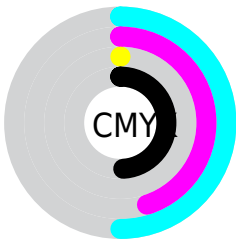
Blue (51%)



Red (25%)

Yellow (28%)

Blue (51%)

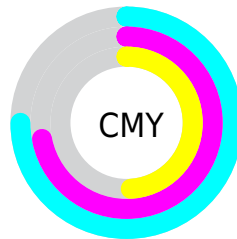


Cyan (50%)

Magenta (45%)

Yellow (0%)

Black (49%)



Cyan (75%)

Magenta (72%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 414883 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 414883 by changing the saturation by 10% instead.

■ 414883

■ 414883

FFFFFF

■ 27326A

■ 7578B8

■ 071D51

■ 9092D4

■ 00043A

■ ABACF1

■ 000223

■ C7C8FF

■ 00000B

■ E4E4FF

■ 000000

■ 414883

■ 414883

■ 343C83

■ 4E5483

■ 273183

■ 5B5F83

■ 1A2583

■ 686B83

■ 0D1983

■ 757783

■ 000E83

■ 838383

■ 908E83

■ 9D9A83

■ AAA683

■ B7B183

Harmonies

Analogous

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



005287



414883



6A3B70

Triad

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



414883



773D1E



005B45

Complementary

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



414883



837C41

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.



205828



414883



62490D

Square

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



414883



823338



465211



005B63

Rectangle

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



414883



79345F



465211



005A3B

Sweetspot

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



414883



9194AB



41837B



474957



D6D6D6



575757

Same Dimension

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



414883



444FAB



5A4183



3C3C42



000E82



000003

Inverse Universe

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



834148



AB444F



6A8341



423C3C



82000E



030000

Previews

White Background



This preview shows how the Hex color 414883 looks on a white background.

Color Contrast Check

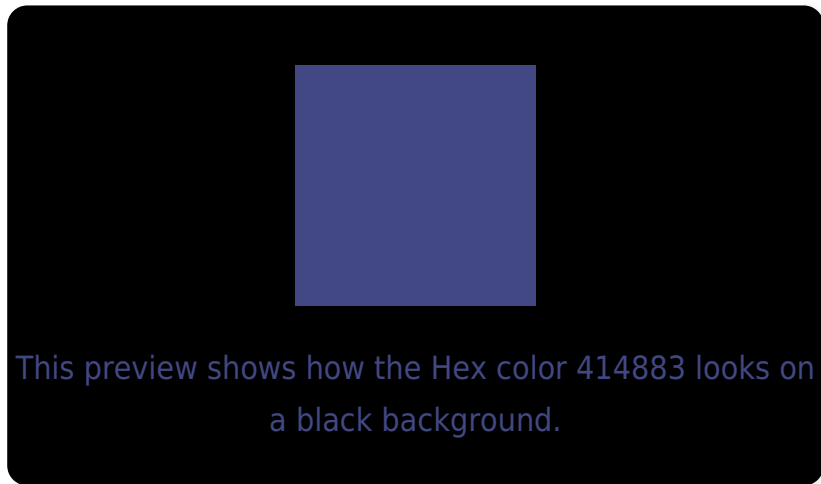
Large Text (above 18pt) WCAG AA ✓ Pass

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

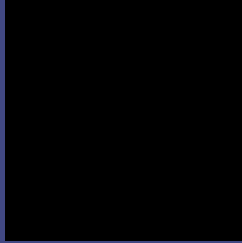
Any Text WCAG AA × Fail

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 414883 Background



This preview shows how black text looks on a background with the Hex color 414883.



This preview shows how white text looks on a background with the Hex color 414883.

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](#).

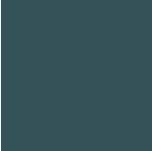
Dichromacy



Original Color
414883

Protanopia
324B86

Deuteranopia
274D82



Tritanopia
345258

Trichromacy



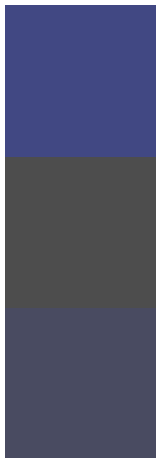
Original Color
414883

Protanomaly
374A85

Deuteranomaly
304B82

Tritanomaly
394E68

Monochromacy



Original Color
414883

Achromatopsia
4D4D4D

Achromatomaly
494B61

CSS Examples

Text

The CSS property to change the color of the text to Hex 414883 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 #414883 looks like.

```
.text, #text, p{  
    color:#414883  
}
```

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 #414883 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #414883
}
```

Border

The CSS property to change the border of an element to Hex 414883 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".

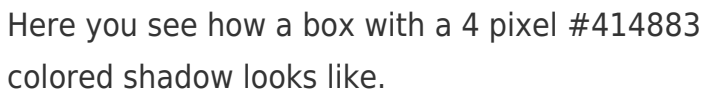
```
.border, #border, table{ border:4px solid
#414883 }
```

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

```
.border{ border-color:#414883 }
```

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

Here you see how a box with a 4 pixel #414883 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border on the top and left sides, and a thicker dark blue border on the bottom and right sides. The shadow is a dark blue rectangle that is slightly offset to the bottom and right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #414883; -webkit-box-shadow:4px 4px  
4px 4px #414883; box-shadow:4px 4px 4px  
4px #414883 }
```

Background

The CSS property to change the background color of an element to Hex 414883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#414883 }
```

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

```
.background{ background-color:#414883 }
```

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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