

# Converting Colors

Hex(414899)

Have a look what the booklet for  
Hex(414899) contains.

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# Color

**Hex(414899)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	414899
RGB	65, 72, 153
RGB Percent	25%, 28%, 60%
CMY	0.7451, 0.7176, 0.4000
CMYK	0.58, 0.53, 0.00, 0.40
HSL	235°, 40%, 43%
HSV	235°, 58%, 60%
XYZ	10.2471, 8.0585, 31.1523
YIQ	79.1410, -30.1730, 23.7070

# Conversions

## Conversions Part 2

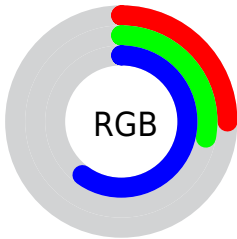
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	65, 71, 153
Decimal	4278425
CIE <sub>Lab</sub>	34.10, 22.00, -45.40
CIE <sub>LCh</sub>	34, 50.452, 295.858
Yxy	8.0585, 0.2072, 0.1629
Android (android.graphics.Color)	4282468505 (0xFF414899)
YUV	79.1410, 36.4125, -12.4017
Hunter-Lab	28.3874, 14.7558, -45.1936

# Details

The Hex color **414899** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **999241**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **7878D0**, and **001D65** is the 20% darker color. If you saturate the color by 10%, you get **323A99**, and if you desaturate by 10%, it is **505699**.

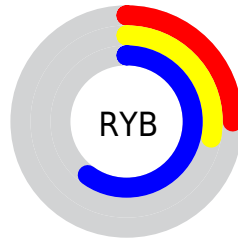
# Distribution



Red (25%)

Green (28%)

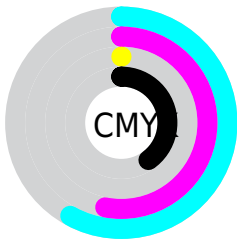
Blue (60%)



Red (25%)

Yellow (28%)

Blue (60%)

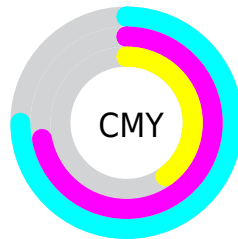


Cyan (58%)

Magenta (53%)

Yellow (0%)

Black (40%)



Cyan (75%)

Magenta (72%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 414899 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 414899 by changing the saturation by 10% instead.



■ 414899

■ 414899

FFFFFF

■ 23327F

■ 7878D0

■ 001D65

■ 9492ED

■ 00064D

■ B0ADFF

■ 000535

■ CCC8FF

■ 00021F

■ EAE4FF

■ 000002

■ 000000

■ 414899

■ 414899

■ 323A99

■ 505699

■ 222C99

■ 606499

■ 131E99

■ 6F7299

■ 041099

■ 7E8099

■ 000C99

■ 8D8E99

■ 9D9C99

■ ACAB99

■ BBB999

■ CBC799

# Harmonies

## Analogous

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



0057A1



414899



7A337E

# Triad

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



414899



843B08



006249

# Complementary

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



414899



999241

# 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.



005F1F



414899



664D00

# Square

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



414899



942830



405800



006272

# Rectangle

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



414899



8E2665



405800



00613B



# Sweetspot

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



414899



A5A8C7



419992



505163



E3E3E3



636363



# Same Dimension

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



414899



3E49C7



664199



45454D



000B8C



00010D



# Inverse Universe

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



994148



C73E49



749941



4D4545



8C000B

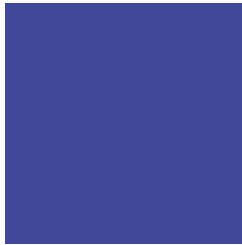


0D0001



# Previews

## White Background



This preview shows how the Hex color 414899 looks on a white background.

## Color Contrast Check

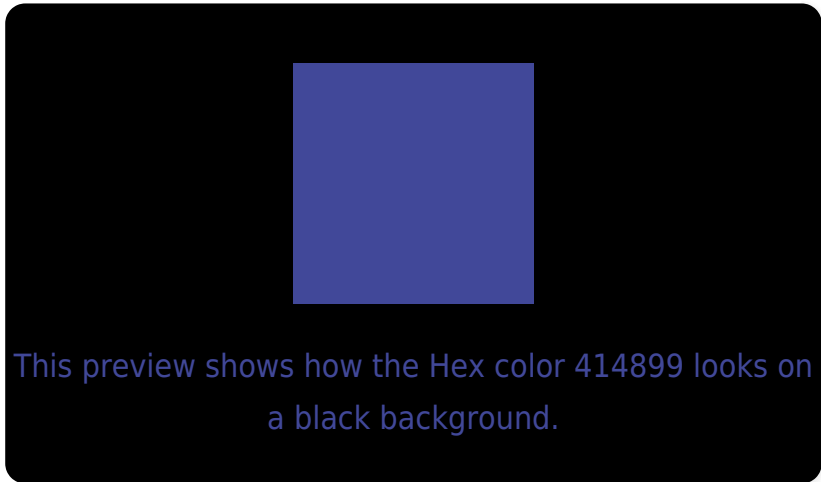
Large Text (above 18pt) WCAG AA ✓ Pass

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

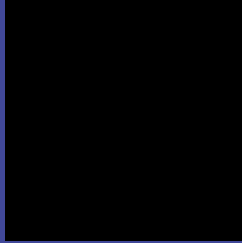
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 414899 Background



This preview shows how black text looks on a background with the Hex color 414899.



This preview shows how white text looks on a background with the Hex color 414899.

# Color Blindness Simulation

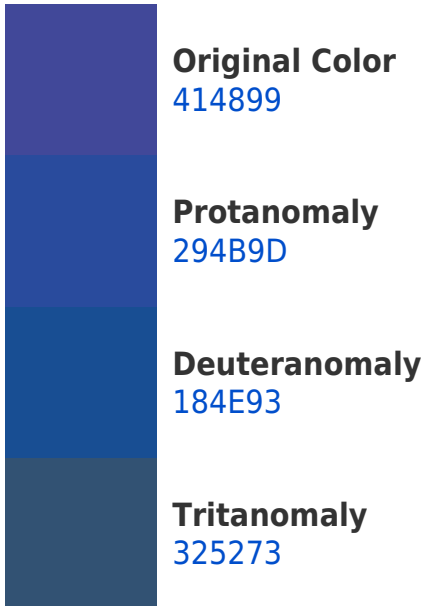
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

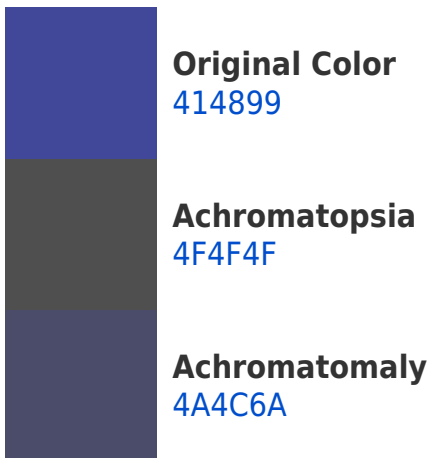




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 414899 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 #414899 looks like.

```
.text, #text, p{  
    color:#414899  
}
```

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 #414899 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #414899
}
```

## Border

The CSS property to change the border of an element to Hex 414899 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".

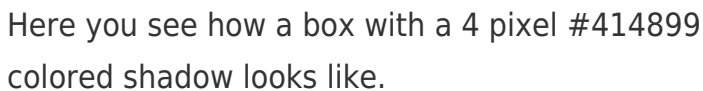
```
.border, #border, table{ border:4px solid
#414899 }
```

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

```
.border{ border-color:#414899 }
```

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

Here you see how a box with a 4 pixel #414899 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #414899; -webkit-box-shadow:4px 4px  
4px 4px #414899; box-shadow:4px 4px 4px  
4px #414899 }
```

# Background

The CSS property to change the background color of an element to Hex 414899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#414899 }
```

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

```
.background{ background-color:#414899 }
```

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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