

# Converting Colors

Hex(413A93)

Have a look what the booklet for  
Hex(413A93) contains.

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# Color

Hex(413A93)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	413A93
RGB	65, 58, 147
RGB Percent	25%, 23%, 58%
CMY	0.7451, 0.7725, 0.4235
CMYK	0.56, 0.61, 0.00, 0.42
HSL	245°, 43%, 40%
HSV	245°, 61%, 58%
XYZ	8.9595, 6.2565, 28.3392
YIQ	70.2390, -24.3970, 29.1630

# Conversions

## Conversions Part 2

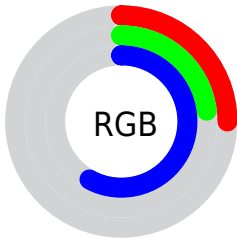
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	65, 58, 147
Decimal	4274835
CIE <sub>Lab</sub>	30.05, 29.06, -48.30
CIE <sub>LCh</sub>	30, 56.366, 301.035
Yxy	6.2565, 0.2057, 0.1436
Android (android.graphics.Color)	4282464915 (0xFF413A93)
YUV	70.2390, 37.8432, -4.5946
Hunter-Lab	25.0130, 20.1647, -49.6651

# Details

The Hex color **413A93** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8C933A**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **786ACA**, and **00105F** is the 20% darker color. If you saturate the color by 10%, you get **332B93**, and if you desaturate by 10%, it is **4F4993**.

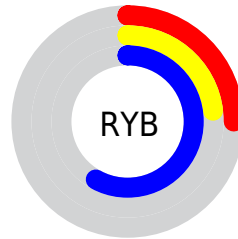
# Distribution



Red (25%)

Green (23%)

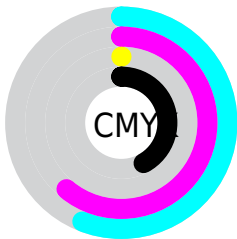
Blue (58%)



Red (25%)

Yellow (23%)

Blue (58%)

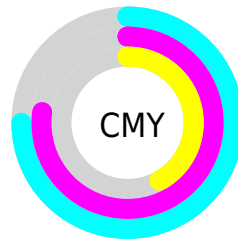


Cyan (56%)

Magenta (61%)

Yellow (0%)

Black (42%)



Cyan (75%)

Magenta (77%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 413A93 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 413A93 by changing the saturation by 10% instead.





413A93



413A93

FFFFFF



232479



786ACA



00105F



9483E6



000047



B09DFF



000430



CCB8FF



00011A



EAD4FF



000000



FFF0FF



413A93



413A93



332B93



4F4993

■ 261D93

■ 5C5793

■ 180E93

■ 6A6693

■ 0C0093

■ 777593

■ 858493

■ 929293

■ A0A193

■ ADB093

■ BBBE93

# Harmonies

## Analogous

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



004CA0



413A93



7B1D72

# Triad

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



413A93



783300



005947

# Complementary

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



413A93



8C933A

# 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.



005618



413A93



564600

# Square

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



413A93



8D151D



295100



005973

# Rectangle

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



413A93



8C0156



295100



005838



# Sweetspot

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



413A93



A09DBF



3A8D93



4D4C61



E0E0E0



616161



# Same Dimension

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



413A93



3F34BF



6C3A93



43434A



0B008A



01000A



# Inverse Universe

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



933A8C



BF34B4



61933A



4A4349



8A007F

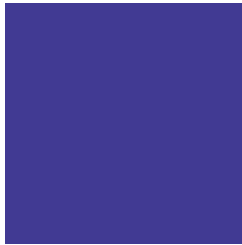


0A0009



# Previews

## White Background



This preview shows how the Hex color 413A93 looks on a white background.

## Color Contrast Check

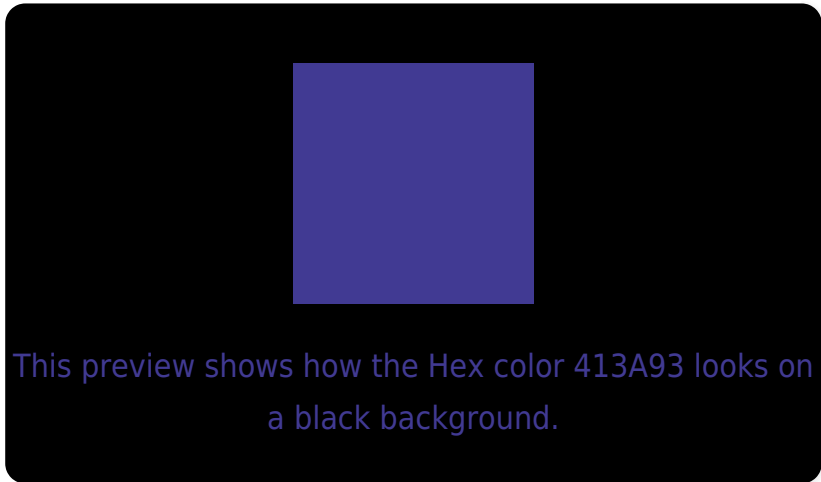
Large Text (above 18pt) WCAG AA ✓ Pass

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

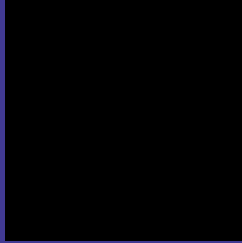
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 413A93 Background



This preview shows how black text looks on a background with the Hex color 413A93.

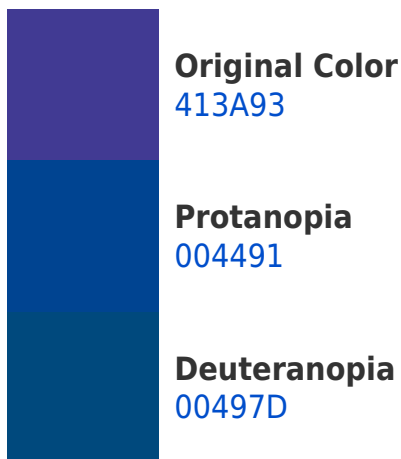


This preview shows how white text looks on a background with the Hex color 413A93.

# 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



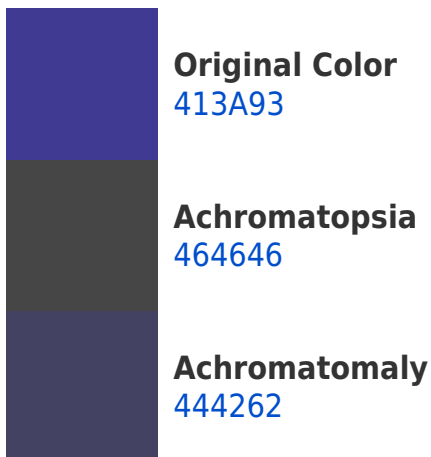


**Tritanopia**  
294C52

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 413A93 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 #413A93 looks like.

```
.text, #text, p{  
    color:#413A93  
}
```

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 #413A93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #413A93
}
```

## Border

The CSS property to change the border of an element to Hex 413A93 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
#413A93 }
```

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

```
.border{ border-color:#413A93 }
```

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

Here you see how a box with a 4 pixel #413A93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #413A93; -webkit-box-shadow:4px 4px  
4px 4px #413A93; box-shadow:4px 4px 4px  
4px #413A93 }
```

# Background

The CSS property to change the background color of an element to Hex 413A93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#413A93 }
```

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

```
.background{ background-color:#413A93 }
```

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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