

Converting Colors

Hex(412E9F)

Have a look what the booklet for
Hex(412E9F) contains.

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Color

Hex(412E9F)

Conversions

Conversions Part 1

Format	Color
Hex	412E9F
RGB	65, 46, 159
RGB Percent	25%, 18%, 62%
CMY	0.7451, 0.8196, 0.3765
CMYK	0.59, 0.71, 0.00, 0.38
HSL	250°, 55%, 40%
HSV	250°, 71%, 62%
XYZ	9.4150, 5.5810, 33.3819
YIQ	64.5630, -24.9490, 39.1710

Conversions

Conversions Part 2

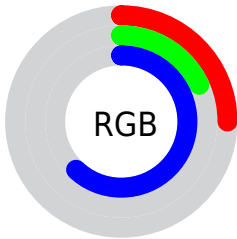
Format	Color
R _Y B	65, 46, 159
Decimal	4271775
CIE Lab	28.33, 40.27, -58.43
CIE LCh	28, 70.962, 304.575
Yxy	5.5810, 0.1946, 0.1154
Android (android.graphics.Color)	4282461855 (0xFF412E9F)
YUV	64.5630, 46.5574, 0.3832
Hunter-Lab	23.6242, 29.7956, -67.2423

Details

The Hex color **412E9F** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8C9F2E**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **7B5ED7**, and **00026A** is the 20% darker color. If you saturate the color by 10%, you get **341E9F**, and if you desaturate by 10%, it is **4E3E9F**.

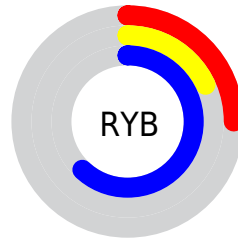
Distribution



Red (25%)

Green (18%)

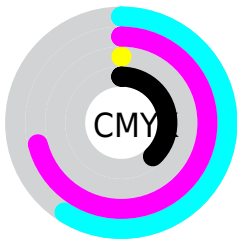
Blue (62%)



Red (25%)

Yellow (18%)

Blue (62%)

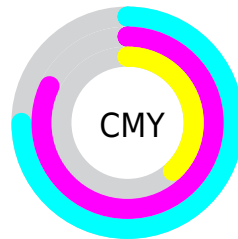


Cyan (59%)

Magenta (71%)

Yellow (0%)

Black (38%)



Cyan (75%)

Magenta (82%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 412E9F 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 412E9F by changing the saturation by 10% instead.

■ 412E9F

■ 412E9F

FFFFFF

■ 201784

■ 7B5ED7

■ 00026A

■ 9777F4

■ 000051

■ B491FF

■ 000539

■ D1ACFF

■ 000223

■ EFC8FF

■ 000009

■ FFE4FF

■ 000000

■ 412E9F

■ 412E9F

■ 341E9F

■ 4E3E9F

■ 270E9F

■ 5B4E9F

■ 1B009F

■ 695E9F

■ 766E9F

■ 837E9F

■ 908D9F

■ 9E9D9F

■ ABAD9F

■ B8BD9F

Harmonies

Analogous

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



0049B3



412E9F



870073

Triad

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



412E9F



762B00



00574A

Complementary

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



412E9F



8C9F2E

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.



00550B



412E9F



4B4400

Square

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



412E9F



930005



005000



005881

Rectangle

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



412E9F



99004F



005000



005637

Sweetspot

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



412E9F



AAA3CF



2E8C9F



534E69



E8E8E8



696969

Same Dimension

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



412E9F



3D1FCF



792E9F



48474F



18008F



03000F

Inverse Universe

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



9F2E8C



CF1FB1



549F2E



4F474E



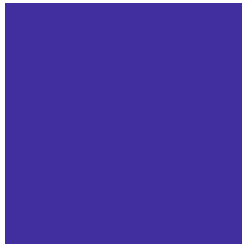
8F0077



0F000D

Previews

White Background



This preview shows how the Hex color 412E9F looks on a white background.

Color Contrast Check

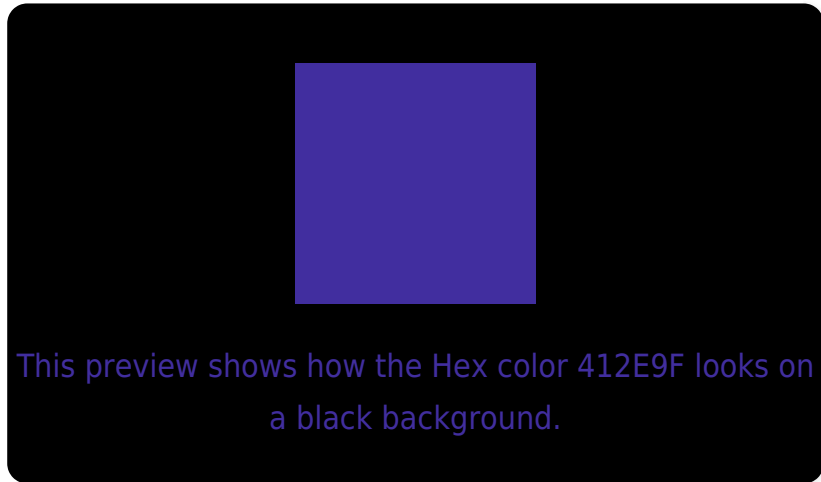
Large Text (above 18pt) WCAG AA ✓ Pass

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

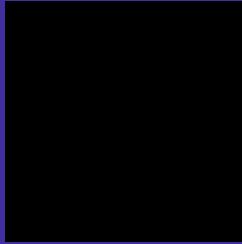
Any Text WCAG AA × Fail

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 412E9F Background



This preview shows how black text looks on a background with the Hex color 412E9F.



This preview shows how white text looks on a background with the Hex color 412E9F.

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](#).

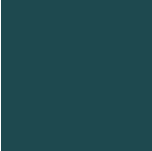
Dichromacy



Original Color
412E9F

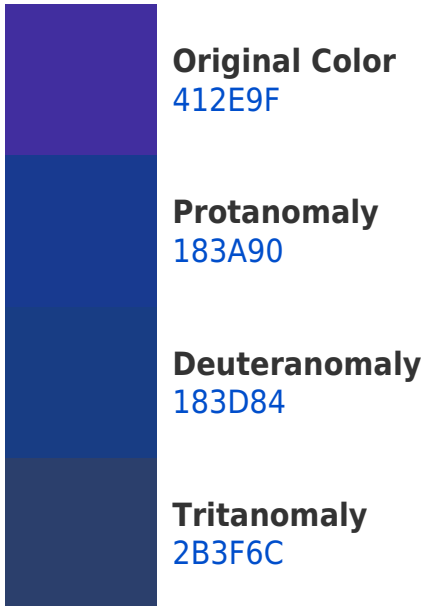
Protanopia
004188

Deuteranopia
004575

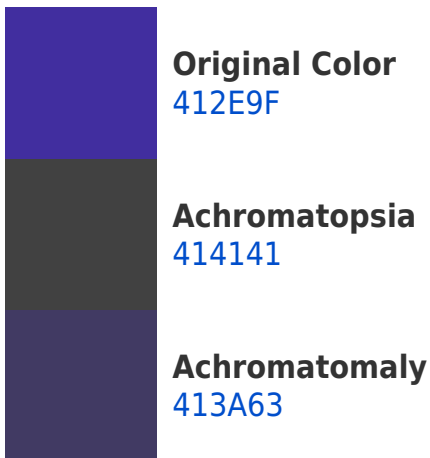


Tritanopia
1E494F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 412E9F 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 #412E9F looks like.

```
.text, #text, p{  
    color:#412E9F  
}
```

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 #412E9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #412E9F
}
```

Border

The CSS property to change the border of an element to Hex 412E9F is called "border". The border property can be set on classes, ids or directly on the HTML element.

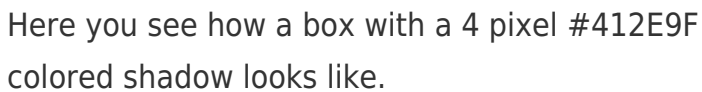
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#412E9F }
```

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

```
.border{ border-color:#412E9F }
```

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



Here you see how a box with a 4 pixel #412E9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #412E9F; -webkit-box-shadow:4px 4px  
4px 4px #412E9F; box-shadow:4px 4px 4px  
4px #412E9F }
```

Background

The CSS property to change the background color of an element to Hex 412E9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#412E9F }
```

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

```
.background{ background-color:#412E9F }
```

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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