

Converting Colors

Hex(412A79)

Have a look what the booklet for
Hex(412A79) contains.

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Color

Hex(412A79)

Conversions

Conversions Part 1

Format	Color
Hex	412A79
RGB	65, 42, 121
RGB Percent	25%, 16%, 47%
CMY	0.7451, 0.8353, 0.5255
CMYK	0.46, 0.65, 0.00, 0.53
HSL	257°, 48%, 32%
HSV	257°, 65%, 47%
XYZ	6.4591, 4.1602, 18.5517
YIQ	57.8830, -11.6510, 29.4450

Conversions

Conversions Part 2

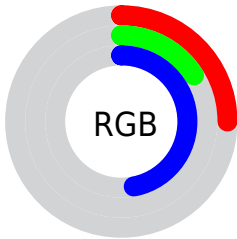
Format	Color
R_{YB}	65, 42, 121
Decimal	4270713
CIE _{Lab}	24.19, 30.79, -41.58
CIE _{LCh}	24, 51.735, 306.522
Yxy	4.1602, 0.2214, 0.1426
Android (android.graphics.Color)	4282460793 (0xFF412A79)
YUV	57.8830, 31.1167, 6.2416
Hunter-Lab	20.3966, 20.8326, -39.6495

Details

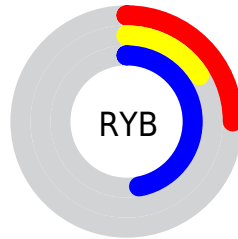
The Hex color **412A79** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **62792A**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **7559AE**, and **0A0047** is the 20% darker color. If you saturate the color by 10%, you get **381E79**, and if you desaturate by 10%, it is **4A3679**.

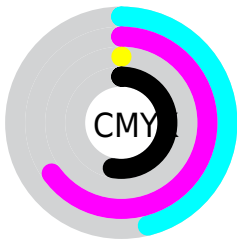
Distribution



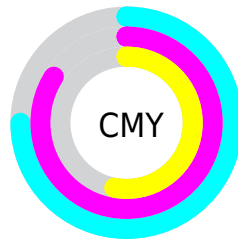
- Red (25%)
- Green (16%)
- Blue (47%)



- Red (25%)
- Yellow (16%)
- Blue (47%)



- Cyan (46%)
- Magenta (65%)
- Yellow (0%)
- Black (53%)



- Cyan (75%)
- Magenta (84%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 412A79 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 412A79 by changing the saturation by 10% instead.



412A79



412A79

FFFFFF



271460



7559AE



0A0047



9072CA



000030



AC8BE6



00011A



C8A6FF



000000



E5C1FF



FFDDFF



FFFAFF



412A79



412A79

■ 381E79

■ 4A3679

■ 301279

■ 524279

■ 270679

■ 5B4E79

■ 230079

■ 635A79

■ 6C6679

■ 747379

■ 7D7F79

■ 868B79

■ 8E9779

Harmonies

Analogous

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



003C88



412A79



6D0A59

Triad

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



412A79



5F2B00



004941

Complementary

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



412A79



62792A

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.



004818



412A79



403B00

Square

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



412A79



75100C



154300



004967

Rectangle

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



412A79



790040



154300



004934

Sweetspot

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



412A79



887E9E



2A6379



423C4F



CFCFCF



4F4F4F

Same Dimension

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



412A79



47239E



682A79



39373D



24007D



4900FC

Inverse Universe

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



792A62



9E237A



3B792A



3D373B



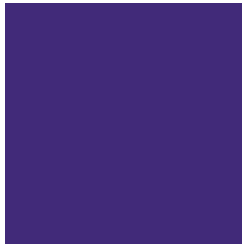
7D0059



FC00B3

Previews

White Background



This preview shows how the Hex color 412A79 looks on a white background.

Color Contrast Check

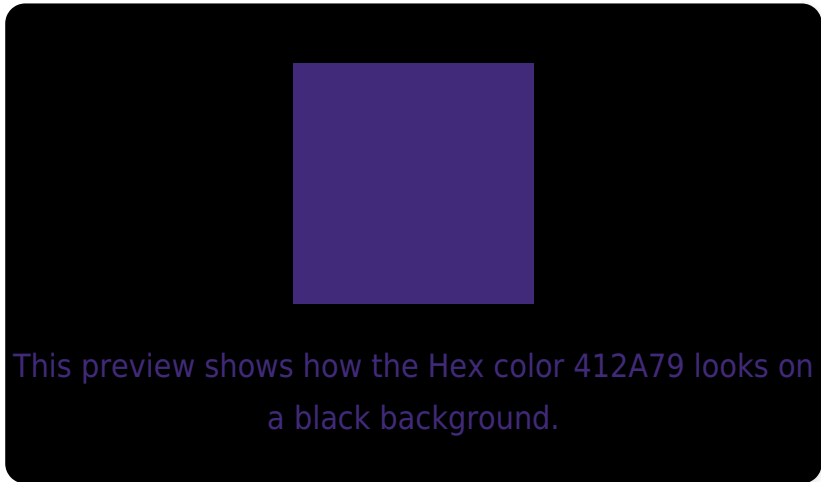
Large Text (above 18pt) WCAG AA ✓ Pass

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

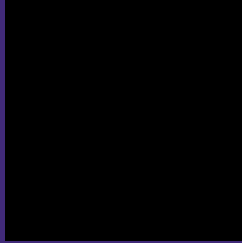
Any Text WCAG AA × Fail

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 412A79 Background



This preview shows how black text looks on a background with the Hex color 412A79.



This preview shows how white text looks on a background with the Hex color 412A79.

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](#).

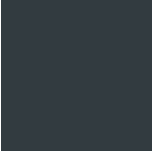
Dichromacy



Original Color
412A79

Protanopia
003876

Deuteranopia
003B67



Tritanopia
323B40

Trichromacy



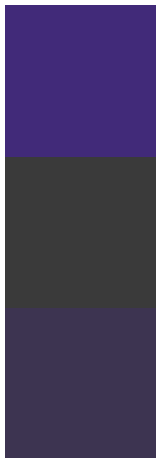
Original Color
412A79

Protanomaly
183377

Deuteranomaly
18356E

Tritanomaly
373555

Monochromacy



Original Color
412A79

Achromatopsia
3A3A3A

Achromatomaly
3D3451

CSS Examples

Text

The CSS property to change the color of the text to Hex 412A79 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 #412A79 looks like.

```
.text, #text, p{  
    color:#412A79  
}
```

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 #412A79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #412A79
}
```

Border

The CSS property to change the border of an element to Hex 412A79 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
#412A79 }
```

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

```
.border{ border-color:#412A79 }
```

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

Here you see how a box with a 4 pixel #412A79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #412A79; -webkit-box-shadow:4px 4px  
4px 4px #412A79; box-shadow:4px 4px 4px  
4px #412A79 }
```

Background

The CSS property to change the background color of an element to Hex 412A79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#412A79 }
```

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

```
.background{ background-color:#412A79 }
```

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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