

Converting Colors

Hex(412D81)

Have a look what the booklet for
Hex(412D81) contains.

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Color

Hex(412D81)

Conversions

Conversions Part 1

Format	Color
Hex	412D81
RGB	65, 45, 129
RGB Percent	25%, 18%, 51%
CMY	0.7451, 0.8235, 0.4941
CMYK	0.50, 0.65, 0.00, 0.49
HSL	254°, 48%, 34%
HSV	254°, 65%, 51%
XYZ	7.0808, 4.5856, 21.2808
YIQ	60.5560, -15.0440, 30.3640

Conversions

Conversions Part 2

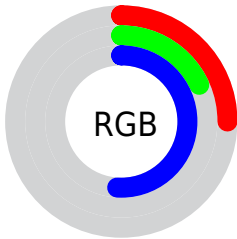
Format	Color
R_{YB}	65, 45, 129
Decimal	4271489
CIE Lab	25.52, 31.42, -44.48
CIE LCh	26, 54.459, 305.238
Yxy	4.5856, 0.2149, 0.1392
Android (android.graphics.Color)	4282461569 (0xFF412D81)
YUV	60.5560, 33.7429, 3.8974
Hunter-Lab	21.4139, 21.5490, -43.9316

Details

The Hex color **412D81** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **6D812D**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **765CB7**, and **03014F** is the 20% darker color. If you saturate the color by 10%, you get **372081**, and if you desaturate by 10%, it is **4B3A81**.

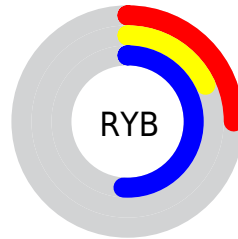
Distribution



Red (25%)

Green (18%)

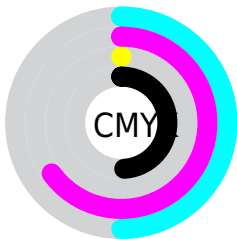
Blue (51%)



Red (25%)

Yellow (18%)

Blue (51%)

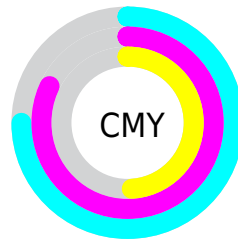


Cyan (50%)

Magenta (65%)

Yellow (0%)

Black (49%)



Cyan (75%)

Magenta (82%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 412D81 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 412D81 by changing the saturation by 10% instead.

■ 412D81

■ 412D81

FFFFFF

■ 261767

■ 765CB7

■ 03014F

■ 9175D3

■ 000037

■ AD8FEF

■ 000221

■ C9A9FF

■ 000006

■ E6C5FF

■ 000000

■ FFE1FF

■ FFFEFF

■ 412D81

■ 412D81

■ 372081

■ 4B3A81

■ 2D1381

■ 554781

■ 240681

■ 5E5481

■ 1F0081

■ 686181

■ 726E81

■ 7C7A81

■ 868781

■ 909481

■ 99A181

Harmonies

Analogous

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



004090



412D81



710A60

Triad

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



412D81



662C00



004D43

Complementary

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



412D81



6D812D

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.



004B16



412D81



453D00

Square

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



412D81



7C0D0F



174700



004D6C

Rectangle

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



412D81



7F0045



174700



004D34

Sweetspot

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



412D81



8F87A8



2D6D81



454054



D4D4D4



545454

Same Dimension

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



412D81



4425A8



6B2D81



3B3940



1E0080



000000

Inverse Universe

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



812D6D



A82589



43812D



40393E



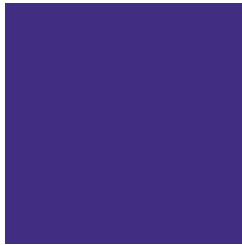
800061



000000

Previews

White Background



This preview shows how the Hex color 412D81 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

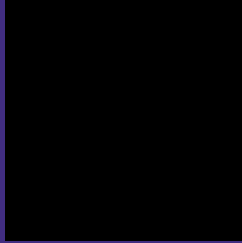
Any Text WCAG AA × Fail

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 412D81 Background



This preview shows how black text looks on a background with the Hex color 412D81.



This preview shows how white text looks on a background with the Hex color 412D81.

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](#).

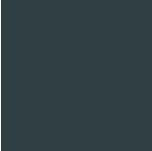
Dichromacy



Original Color
412D81

Protanopia
003B7C

Deuteranopia
003E6B



Tritanopia
2F3F44

Trichromacy



Original Color
412D81

Protanomaly
18367E

Deuteranomaly
183873

Tritanomaly
36385A

Monochromacy



Original Color
412D81

Achromatopsia
3D3D3D

Achromatomaly
3E3756

CSS Examples

Text

The CSS property to change the color of the text to Hex 412D81 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 #412D81 looks like.

```
.text, #text, p{  
    color:#412D81  
}
```

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 #412D81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #412D81
}
```

Border

The CSS property to change the border of an element to Hex 412D81 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
#412D81 }
```

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

```
.border{ border-color:#412D81 }
```

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

Here you see how a box with a 4 pixel #412D81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #412D81; -webkit-box-shadow:4px 4px  
4px 4px #412D81; box-shadow:4px 4px 4px  
4px #412D81 }
```

Background

The CSS property to change the background color of an element to Hex 412D81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#412D81 }
```

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

```
.background{ background-color:#412D81 }
```

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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