

Converting Colors

Hex(412A5D)

Have a look what the booklet for
Hex(412A5D) contains.

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Color

Hex(412A5D)

Conversions

Conversions Part 1

Format	Color
Hex	412A5D
RGB	65, 42, 93
RGB Percent	25%, 16%, 36%
CMY	0.7451, 0.8353, 0.6353
CMYK	0.30, 0.55, 0.00, 0.64
HSL	267°, 38%, 26%
HSV	267°, 55%, 36%
XYZ	4.9837, 3.5701, 10.7823
YIQ	54.6910, -2.6630, 20.7370

Conversions

Conversions Part 2

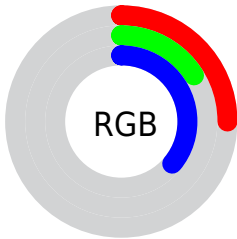
Format	Color
R _Y B	65, 42, 93
Decimal	4270685
CIE Lab	22.20, 22.51, -26.67
CIE LCh	22, 34.901, 310.155
Yxy	3.5701, 0.2577, 0.1846
Android (android.graphics.Color)	4282460765 (0xFF412A5D)
YUV	54.6910, 18.8863, 9.0410
Hunter-Lab	18.8946, 14.0164, -20.6081

Details

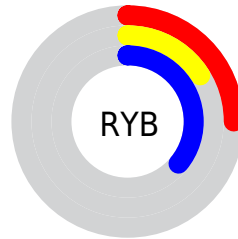
The Hex color **412A5D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **465D2A**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **735890**, and **16002F** is the 20% darker color. If you saturate the color by 10%, you get **3C215D**, and if you desaturate by 10%, it is **46335D**.

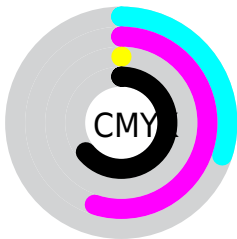
Distribution



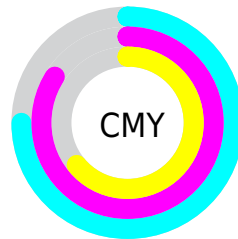
- Red (25%)
- Green (16%)
- Blue (36%)



- Red (25%)
- Yellow (16%)
- Blue (36%)



- Cyan (30%)
- Magenta (55%)
- Yellow (0%)
- Black (64%)



- Cyan (75%)
- Magenta (84%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 412A5D 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 412A5D by changing the saturation by 10% instead.

■ 412A5D

■ 412A5D

FFFFFF

■ 291545

■ 735890

■ 16002F

■ 8D71AA

■ 000119

■ A78AC6

■ 000000

■ C3A5E2

■ DFC0FF

■ FCDCFF

■ FFF9FF

■ 412A5D

■ 412A5D

■ 3C215D

■ 46335D

■ 37175D

■ 4B3D5D

■ 320E5D

■ 50465D

■ 2D055D

■ 554F5D

■ 2A005D

■ 5B595D

■ 60625D

■ 656B5D

■ 6A745D

■ 6F7E5D

Harmonies

Analogous

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



003568



412A5D



5A1E47

Triad

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



412A5D



4F2D00



00413D

Complementary

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



412A5D



465D2A

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.



004022



412A5D



3A3700

Square

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



412A5D



5E2215



1C3D08



004056

Rectangle

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



412A5D



621A36



1C3D08



004134

Sweetspot

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



412A5D



6D6578



2A465D



37323D



BDBDBD



3D3D3D

Same Dimension

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



412A5D



4C2978



5A2A5D



2B292E



31006E



6B00ED

Inverse Universe

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



5D2A46



782954



2D5D2A



2E292C



6E003C



ED0082

Previews

White Background



This preview shows how the Hex color 412A5D looks on a white background.

Color Contrast Check

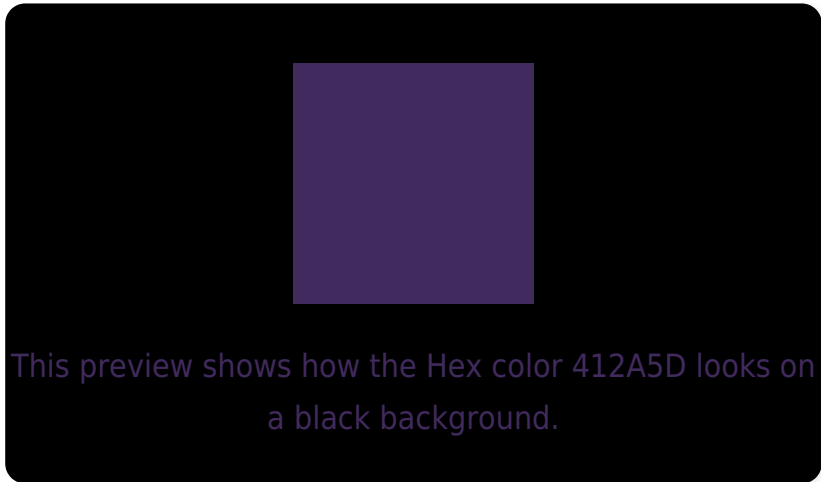
Large Text (above 18pt) WCAG AA ✓ Pass

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

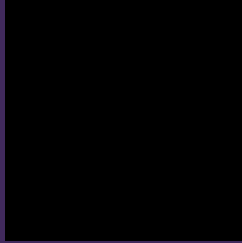
Any Text WCAG AA × Fail

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 412A5D Background



This preview shows how black text looks on a background with the Hex color 412A5D.



This preview shows how white text looks on a background with the Hex color 412A5D.

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](#).

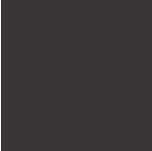
Dichromacy



Original Color
412A5D

Protanopia
183467

Deuteranopia
1B365B



Tritanopia
3A3438

Trichromacy



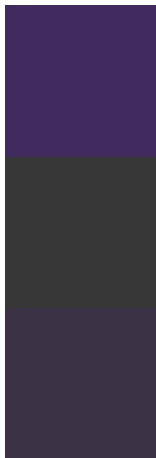
Original Color
412A5D

Protanomaly
273063

Deuteranomaly
29325C

Tritanomaly
3D3045

Monochromacy



Original Color
412A5D

Achromatopsia
373737

Achromatomaly
3B3245

CSS Examples

Text

The CSS property to change the color of the text to Hex 412A5D 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 #412A5D looks like.

```
.text, #text, p{  
    color:#412A5D  
}
```

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 #412A5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #412A5D
}
```

Border

The CSS property to change the border of an element to Hex 412A5D 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
#412A5D }
```

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

```
.border{ border-color:#412A5D }
```

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

Here you see how a box with a 4 pixel #412A5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #412A5D; -webkit-box-shadow:4px 4px  
4px 4px #412A5D; box-shadow:4px 4px 4px  
4px #412A5D }
```

Background

The CSS property to change the background color of an element to Hex 412A5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#412A5D }
```

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

```
.background{ background-color:#412A5D }
```

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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