

Converting Colors

Hex(41407A)

Have a look what the booklet for
Hex(41407A) contains.

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Color

Hex(41407A)

Conversions

Conversions Part 1

Format	Color
Hex	41407A
RGB	65, 64, 122
RGB Percent	25%, 25%, 48%
CMY	0.7451, 0.7490, 0.5216
CMYK	0.47, 0.48, 0.00, 0.52
HSL	241°, 31%, 36%
HSV	241°, 48%, 48%
XYZ	7.5262, 6.1957, 19.2116
YIQ	70.9110, -18.0220, 18.2500

Conversions

Conversions Part 2

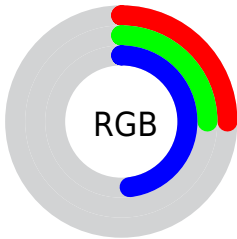
Format	Color
R _{YB}	65, 64, 122
Decimal	4276346
CIE _{Lab}	29.90, 16.86, -33.04
CIE _{LCh}	30, 37.089, 297.037
Yxy	6.1957, 0.2285, 0.1881
Android (android.graphics.Color)	4282466426 (0xFF41407A)
YUV	70.9110, 25.1869, -5.1839
Hunter-Lab	24.8913, 10.4123, -28.3373

Details

The Hex color **41407A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **797A40**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **7470AF**, and **0B1649** is the 20% darker color. If you saturate the color by 10%, you get **35347A**, and if you desaturate by 10%, it is **4D4C7A**.

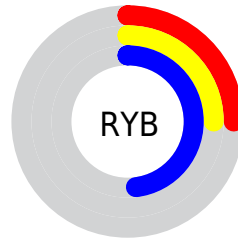
Distribution



Red (25%)

Green (25%)

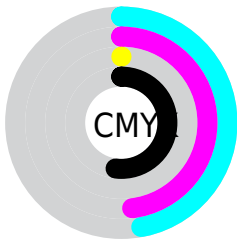
Blue (48%)



Red (25%)

Yellow (25%)

Blue (48%)

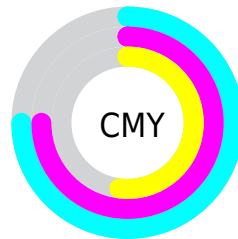


Cyan (47%)

Magenta (48%)

Yellow (0%)

Black (52%)



Cyan (75%)

Magenta (75%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41407A 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 41407A by changing the saturation by 10% instead.

■ 41407A

■ 41407A

FFFFFF

■ 282A61

■ 7470AF

■ 0B1649

■ 8F89CA

■ 000032

■ AAA3E7

■ 00021C

■ C6BEFF

■ 000000

■ E2DAFF

■ FFF7FF

■ 41407A

■ 41407A

■ 35347A

■ 4D4C7A

■ 29287A

■ 59587A

■ 1D1B7A

■ 65657A

■ 110F7A

■ 71717A

■ 05037A

■ 7D7D7A

■ 02007A

■ 89897A

■ 95957A

■ A1A27A

■ ADAE7A

Harmonies

Analogous

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



004B80



41407A



663366

Triad

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



41407A



6D3915



005443

Complementary

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



41407A



797A40

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.



105125



41407A



574405

Square

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



41407A



792E2E



3B4C0D



005460

Rectangle

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



41407A



742C54



3B4C0D



005339

Sweetspot

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



41407A



88889E



40797A



42424F



CFCFCF



4F4F4F

Same Dimension

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



41407A



46449E



5E407A



37373D



02007D



0400FC

Inverse Universe

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



7A4079



9E449D



5C7A40



3D373D



7D007B



FC00F8

Previews

White Background



This preview shows how the Hex color 41407A looks on a white background.

Color Contrast Check

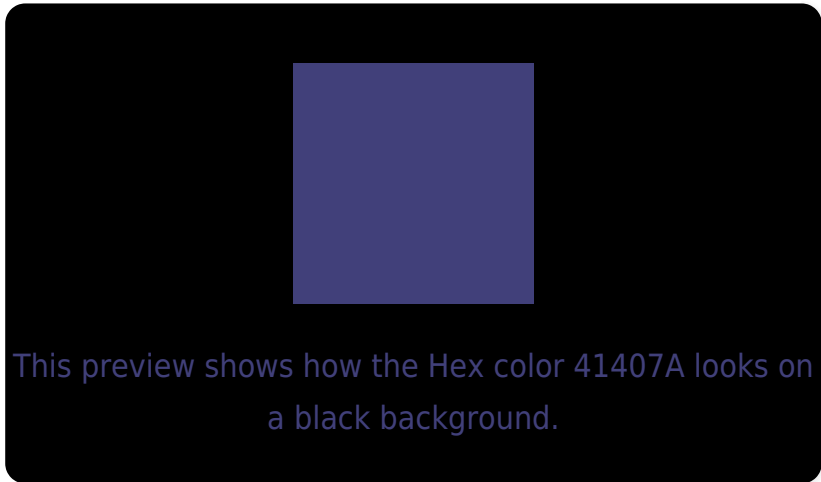
Large Text (above 18pt) WCAG AA ✓ Pass

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

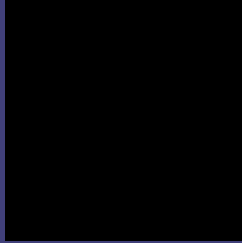
Any Text WCAG AA × Fail

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 41407A Background



This preview shows how black text looks on a background with the Hex color 41407A.



This preview shows how white text looks on a background with the Hex color 41407A.

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](#).

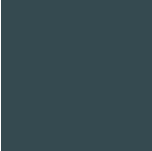
Dichromacy



Original Color
41407A

Protanopia
2B457E

Deuteranopia
214778



Tritanopia
354A50

Trichromacy



Original Color
41407A

Protanomaly
33437D

Deuteranomaly
2D4479

Tritanomaly
39465F

Monochromacy



Original Color
41407A

Achromatopsia
474747

Achromatomaly
45445A

CSS Examples

Text

The CSS property to change the color of the text to Hex 41407A 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 #41407A looks like.

```
.text, #text, p{  
    color:#41407A  
}
```

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 #41407A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41407A
}
```

Border

The CSS property to change the border of an element to Hex 41407A is called "border". The border property can be set on classes, ids or directly on the HTML element.

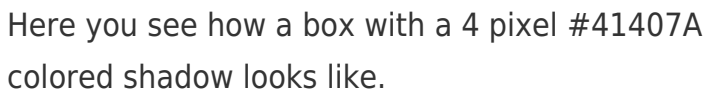
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#41407A }
```

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

```
.border{ border-color:#41407A }
```

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



Here you see how a box with a 4 pixel #41407A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41407A; -webkit-box-shadow:4px 4px  
4px 4px #41407A; box-shadow:4px 4px 4px  
4px #41407A }
```

Background

The CSS property to change the background color of an element to Hex 41407A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41407A }
```

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

```
.background{ background-color:#41407A }
```

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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