

Converting Colors

Hex(404C7F)

Have a look what the booklet for
Hex(404C7F) contains.

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Color

Hex(404C7F)

Conversions

Conversions Part 1

Format	Color
Hex	404C7F
RGB	64, 76, 127
RGB Percent	25%, 30%, 50%
CMY	0.7490, 0.7020, 0.5020
CMYK	0.50, 0.40, 0.00, 0.50
HSL	229°, 33%, 37%
HSV	229°, 50%, 50%
XYZ	8.5296, 7.7912, 21.1330
YIQ	78.2260, -23.5230, 13.3170

Conversions

Conversions Part 2

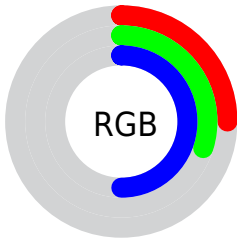
Format	Color
RYB	64, 74, 127
Decimal	4213887
CIELab	33.54, 10.30, -30.38
CIElCh	34, 32.075, 288.735
Yxy	7.7912, 0.2277, 0.2080
Android (android.graphics.Color)	4282403967 (0xFF404C7F)
YUV	78.2260, 24.0456, -12.4762
Hunter-Lab	27.9127, 5.6989, -25.3502

Details

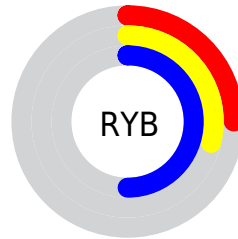
The Hex color **404C7F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7F7340**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **737DB4**, and **08204D** is the 20% darker color. If you saturate the color by 10%, you get **33427F**, and if you desaturate by 10%, it is **4D567F**.

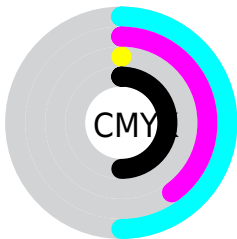
Distribution



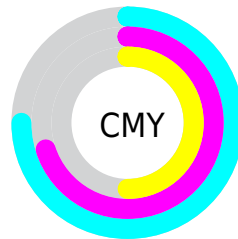
- Red (25%)
- Green (30%)
- Blue (50%)



- Red (25%)
- Yellow (29%)
- Blue (50%)



- Cyan (50%)
- Magenta (40%)
- Yellow (0%)
- Black (50%)



- Cyan (75%)
- Magenta (70%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 404C7F 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 404C7F by changing the saturation by 10% instead.

■ 404C7F

■ 404C7F

FFFFFF

■ 263566

■ 737DB4

■ 08204D

■ 8E96D0

■ 000936

■ A9B1EC

■ 000220

■ C5CCFF

■ 000005

■ E2E9FF

■ 000000

■ 404C7F

■ 404C7F

■ 33427F

■ 4D567F

■ 27377F

■ 59617F

■ 1A2D7F

■ 666B7F

■ 0D237F

■ 73757F

■ 00197F

■ 807F7F

■ 00187F

■ 8C8A7F

■ 99947F

■ A69E7F

■ B2A97F

Harmonies

Analogous

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



005480



404C7F



654271

Triad

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



404C7F



77412A



005B44

Complementary

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



404C7F



7F7340

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.



30582C



404C7F



654A1B

Square

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



404C7F



7E3A40



4E521C



005C5E

Rectangle

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



404C7F



743C62



4E521C



115A3C

Sweetspot

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



404C7F



8D92A6



407F72



454854



D4D4D4



545454

Same Dimension

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



404C7F



4255A6



53407F



393B40



001880



000000

Inverse Universe

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



7F404C



A64255



6C7F40



40393B



800018



000000

Previews

White Background



This preview shows how the Hex color 404C7F looks on a white background.

Color Contrast Check

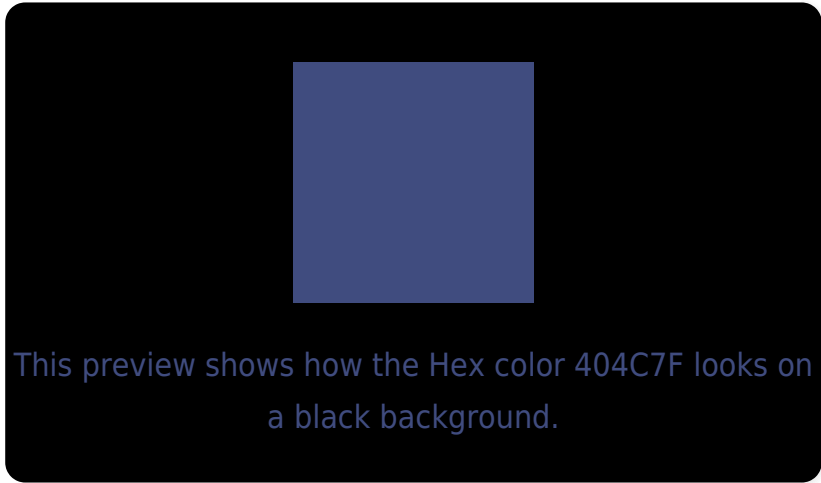
Large Text (above 18pt) WCAG AA ✓ Pass

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

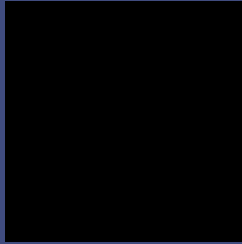
Any Text WCAG AA × Fail

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 404C7F Background



This preview shows how black text looks on a background with the Hex color 404C7F.



This preview shows how white text looks on a background with the Hex color 404C7F.

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
404C7F

Protanopia
3B4D80

Deuteranopia
334F7E



Tritanopia
35545B

Trichromacy



Original Color
404C7F

Protanomaly
3D4D80

Deuteranomaly
384E7E

Tritanomaly
395168

Monochromacy



Original Color
404C7F

Achromatopsia
4E4E4E

Achromatomaly
494D60

CSS Examples

Text

The CSS property to change the color of the text to Hex 404C7F 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 #404C7F looks like.

```
.text, #text, p{  
    color:#404C7F  
}
```

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 #404C7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #404C7F
}
```

Border

The CSS property to change the border of an element to Hex 404C7F 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
#404C7F }
```

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

```
.border{ border-color:#404C7F }
```

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

Here you see how a box with a 4 pixel #404C7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #404C7F; -webkit-box-shadow:4px 4px  
4px 4px #404C7F; box-shadow:4px 4px 4px  
4px #404C7F }
```

Background

The CSS property to change the background color of an element to Hex 404C7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#404C7F }
```

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

```
.background{ background-color:#404C7F }
```

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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