

Converting Colors

Hex(404E7B)

Have a look what the booklet for
Hex(404E7B) contains.

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Color

Hex(404E7B)

Conversions

Conversions Part 1

Format	Color
Hex	404E7B
RGB	64, 78, 123
RGB Percent	25%, 31%, 48%
CMY	0.7490, 0.6941, 0.5176
CMYK	0.48, 0.37, 0.00, 0.52
HSL	226°, 32%, 37%
HSV	226°, 48%, 48%
XYZ	8.4139, 7.9688, 19.8336
YIQ	78.9440, -22.7890, 11.0270

Conversions

Conversions Part 2

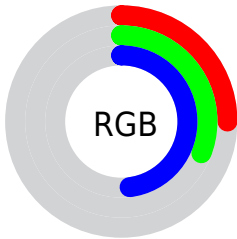
Format	Color
RYB	64, 75, 123
Decimal	4214395
CIELab	33.92, 7.67, -27.31
CIElCh	34, 28.366, 285.698
Yxy	7.9688, 0.2323, 0.2200
Android (android.graphics.Color)	4282404475 (0xFF404E7B)
YUV	78.9440, 21.7196, -13.1059
Hunter-Lab	28.2291, 3.8023, -21.8963

Details

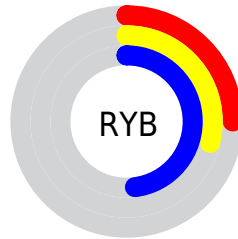
The Hex color **404E7B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7B6D40**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **737FB0**, and **0A224A** is the 20% darker color. If you saturate the color by 10%, you get **34457B**, and if you desaturate by 10%, it is **4C577B**.

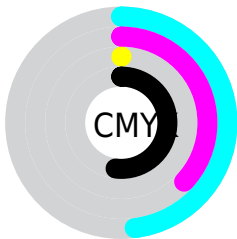
Distribution



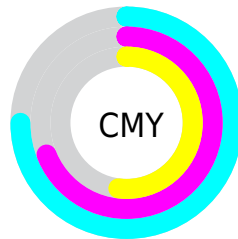
- Red (25%)
- Green (31%)
- Blue (48%)



- Red (25%)
- Yellow (29%)
- Blue (48%)



- Cyan (48%)
- Magenta (37%)
- Yellow (0%)
- Black (52%)



- Cyan (75%)
- Magenta (69%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 404E7B 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 404E7B by changing the saturation by 10% instead.



404E7B



404E7B

FFFFFF



273762



737FB0



0A224A



8D99CB



000C33



A8B3E8



00021D



C4CFFF



000000



E1EBFF

FEFFFF



404E7B



404E7B



34457B



4C577B

■ 273B7B

■ 59617B

■ 1B327B

■ 656A7B

■ 0F287B

■ 71747B

■ 021F7B

■ 7E7D7B

■ 001D7B

■ 8A867B

■ 96907B

■ A2997B

■ AFA27B

Harmonies

Analogous

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



01557B



404E7B



61456F

Triad

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



404E7B



754331



145B44

Complementary

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



404E7B



7B6D40

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.



38582F



404E7B



664B24

Square

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



404E7B



7A3D45



525223



005B5B

Rectangle

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



404E7B



6F4063



525223



235A3C

Sweetspot

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



404E7B



8A8FA1



407B6C



444752



D1D1D1



525252

Same Dimension

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



404E7B



435AA1



4F407B



37393D



001E7D



003CFC

Inverse Universe

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



7B404E



A1435A



6C7B40



3D3739



7D001E



FC003C

Previews

White Background



This preview shows how the Hex color 404E7B looks on a white background.

Color Contrast Check

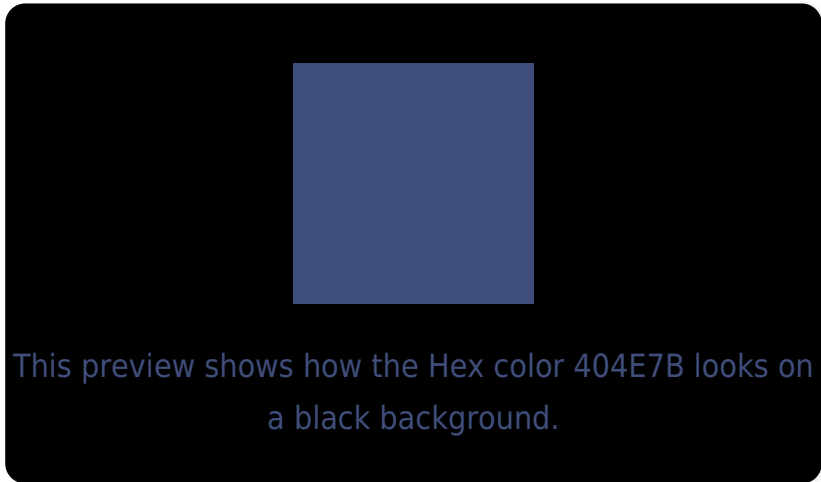
Large Text (above 18pt) WCAG AA ✓ Pass

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 404E7B Background



This preview shows how black text looks on a background with the Hex color 404E7B.



This preview shows how white text looks on a background with the Hex color 404E7B.

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
404E7B

Protanopia
3F4E7B

Deuteranopia
3A4F7B



Tritanopia
36555B

Trichromacy



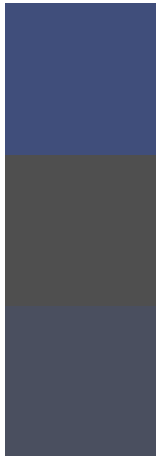
Original Color
404E7B

Protanomaly
3F4E7B

Deuteranomaly
3C4F7B

Tritanomaly
3A5267

Monochromacy



Original Color
404E7B

Achromatopsia
4F4F4F

Achromatomaly
4A4F5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 404E7B 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 #404E7B looks like.

```
.text, #text, p{  
    color:#404E7B  
}
```

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 #404E7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #404E7B  
}
```

Border

The CSS property to change the border of an element to Hex 404E7B 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".

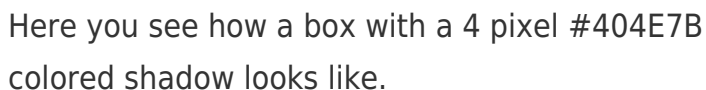
```
.border, #border, table{ border:4px solid  
#404E7B }
```

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

```
.border{ border-color:#404E7B }
```

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

Here you see how a box with a 4 pixel #404E7B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #404E7B; -webkit-box-shadow:4px 4px  
4px 4px #404E7B; box-shadow:4px 4px 4px  
4px #404E7B }
```

Background

The CSS property to change the background color of an element to Hex 404E7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#404E7B }
```

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

```
.background{ background-color:#404E7B }
```

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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