

# Converting Colors

Hex(404C7D)

Have a look what the booklet for  
Hex(404C7D) contains.

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# Color

**Hex(404C7D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	404C7D
RGB	64, 76, 125
RGB Percent	25%, 30%, 49%
CMY	0.7490, 0.7020, 0.5098
CMYK	0.49, 0.39, 0.00, 0.51
HSL	228°, 32%, 37%
HSV	228°, 49%, 49%
XYZ	8.4005, 7.7395, 20.4532
YIQ	77.9980, -22.8810, 12.6950

# Conversions

## Conversions Part 2

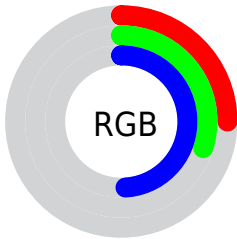
Format	Color
R <sub>Y</sub> B	64, 74, 125
Decimal	4213885
CIE Lab	33.43, 9.64, -29.31
CIE LCh	33, 30.854, 288.206
Yxy	7.7395, 0.2296, 0.2115
Android (android.graphics.Color)	4282403965 (0xFF404C7D)
YUV	77.9980, 23.1720, -12.2762
Hunter-Lab	27.8200, 5.2144, -24.1157

# Details

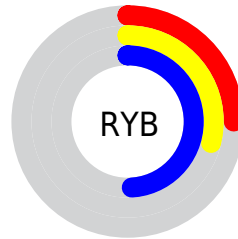
The Hex color **404C7D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7D7140**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **737DB2**, and **09204C** is the 20% darker color. If you saturate the color by 10%, you get **34427D**, and if you desaturate by 10%, it is **4D567D**.

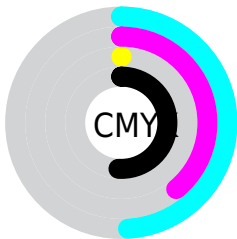
# Distribution



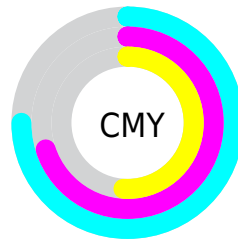
- Red (25%)
- Green (30%)
- Blue (49%)



- Red (25%)
- Yellow (29%)
- Blue (49%)



- Cyan (49%)
- Magenta (39%)
- Yellow (0%)
- Black (51%)



- Cyan (75%)
- Magenta (70%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 404C7D 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 404C7D by changing the saturation by 10% instead.



■ 404C7D

■ 404C7D

FFFFFF

■ 273564

■ 737DB2

■ 09204C

■ 8E96CE

■ 000935

■ A9B1EA

■ 00021F

■ C5CCFF

■ 000002

■ E1E9FF

■ 000000

FEFFFF

■ 404C7D

■ 404C7D

■ 34427D

■ 4D567D

■ 27387D

■ 59607D

■ 1B2E7D

■ 666A7D

■ 0E247D

■ 72747D

■ 021A7D

■ 7E7E7D

■ 00197D

■ 8B887D

■ 98927D

■ A49C7D

■ B1A67D

# Harmonies

## Analogous

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



00547E



404C7D



63426F

# Triad

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



404C7D



75412B



005A44

# Complementary

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



404C7D



7D7140

# 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.



32572D



404C7D



654A1E

# Square

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



404C7D



7C3A41



4E521E



005B5D

# Rectangle

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



404C7D



723D61



4E521E



175A3C



# Sweetspot

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



404C7D



8B90A3



407D71



434652



D1D1D1



525252



# Same Dimension

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



404C7D



4356A3



52407D



393B40



001980



000000



# Inverse Universe

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



7D404C



A34356



6B7D40



40393B



800019



000000



# Previews

## White Background



This preview shows how the Hex color 404C7D looks on a white background.

## Color Contrast Check

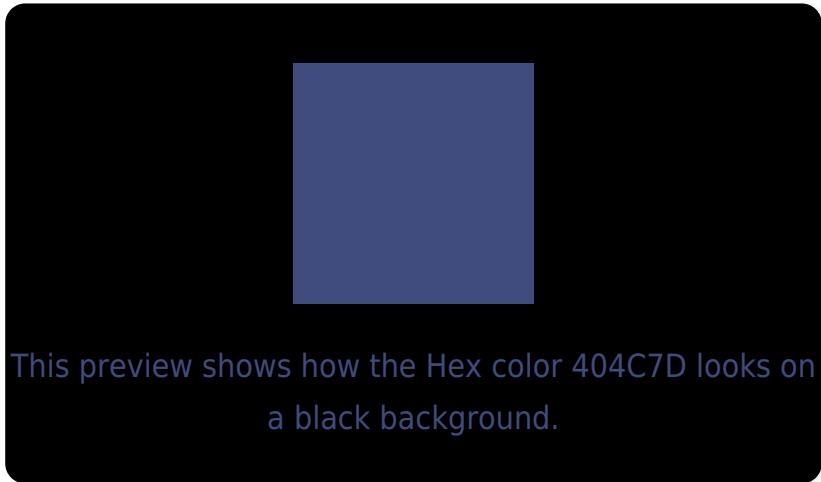
Large Text (above 18pt) WCAG AA ✓ Pass

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

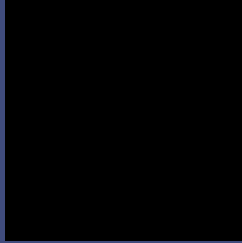
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 404C7D Background



This preview shows how black text looks on a background with the Hex color 404C7D.



This preview shows how white text looks on a background with the Hex color 404C7D.

# 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**

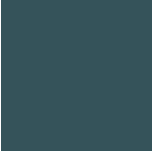
404C7D

**Protanopia**

3C4D7E

**Deuteranopia**

354F7C



**Tritanopia**  
35535A

# Trichromacy



**Original Color**  
404C7D

**Protanomaly**  
3D4D7E

**Deuteranomaly**  
394E7C

**Tritanomaly**  
395067

# Monochromacy



**Original Color**  
404C7D

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
494D5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 404C7D 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 #404C7D looks like.

```
.text, #text, p{  
    color:#404C7D  
}
```

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 #404C7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #404C7D
}
```

## Border

The CSS property to change the border of an element to Hex 404C7D 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
#404C7D }
```

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

```
.border{ border-color:#404C7D }
```

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

Here you see how a box with a 4 pixel #404C7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #404C7D; -webkit-box-shadow:4px 4px  
4px 4px #404C7D; box-shadow:4px 4px 4px  
4px #404C7D }
```

# Background

The CSS property to change the background color of an element to Hex 404C7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#404C7D }
```

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

```
.background{ background-color:#404C7D }
```

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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