

Converting Colors

Hex(405C7F)

Have a look what the booklet for
Hex(405C7F) contains.

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Color

Hex(405C7F)

Conversions

Conversions Part 1

Format	Color
Hex	405C7F
RGB	64, 92, 127
RGB Percent	25%, 36%, 50%
CMY	0.7490, 0.6392, 0.5020
CMYK	0.50, 0.28, 0.00, 0.50
HSL	213°, 33%, 37%
HSV	213°, 50%, 50%
XYZ	9.7723, 10.2766, 21.5472
YIQ	87.6180, -27.9230, 4.9490

Conversions

Conversions Part 2

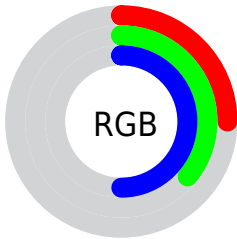
Format	Color
R _{YB}	64, 83, 127
Decimal	4217983
CIE _{Lab}	38.33, 0.04, -22.87
CIE _{LCh}	38, 22.869, 270.094
Y _{xy}	10.2766, 0.2349, 0.2471
Android (android.graphics.Color)	4282408063 (0xFF405C7F)
Y _{UV}	87.6180, 19.4153, -20.7130
Hunter-Lab	32.0571, -1.6862, -17.4118

Details

The Hex color **405C7F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7F6340**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **738EB4**, and **082E4E** is the 20% darker color. If you saturate the color by 10%, you get **33557F**, and if you desaturate by 10%, it is **4D637F**.

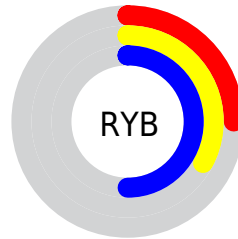
Distribution



Red (25%)

Green (36%)

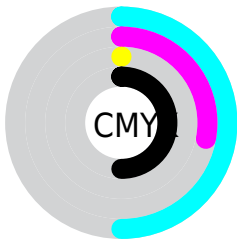
Blue (50%)



Red (25%)

Yellow (33%)

Blue (50%)

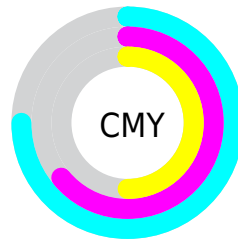


Cyan (50%)

Magenta (28%)

Yellow (0%)

Black (50%)



Cyan (75%)

Magenta (64%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 405C7F 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 405C7F by changing the saturation by 10% instead.

■ 405C7F

■ 405C7F

FFFFFF

■ 264566

■ 738EB4

■ 082E4E

■ 8EA8D0

■ 001A37

■ A9C4EC

■ 000221

■ C5E0FF

■ 000007

■ E1FCFF

■ 000000

FEFFFF

■ 405C7F

■ 405C7F

■ 33557F

■ 4D637F

■ 274E7F

■ 596A7F

■ 1A477F

■ 66717F

■ 0D407F

■ 73787F

■ 00397F

■ 807F7F

■ 00387F

■ 8C867F

■ 998D7F

■ A6947F

■ B29B7F

Harmonies

Analogous

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



21617A



405C7F



5C557A

Triad

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



405C7F



7E4E49



3D6247

Complementary

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



405C7F



7F6340

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.



535F3A



405C7F



76533B

Square

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



405C7F



7D4C5B



675935



25645A

Rectangle

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



405C7F



6C5172



675935



456142

Sweetspot

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



405C7F



8D98A6



407F63



454C54



D4D4D4



545454

Same Dimension

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



405C7F



426FA6



43407F



393C40



003980



000000

Inverse Universe

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



7F405C



A6426F



7C7F40



40393C



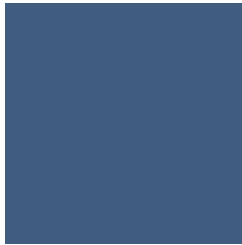
800039



000000

Previews

White Background



This preview shows how the Hex color 405C7F looks on a white background.

Color Contrast Check

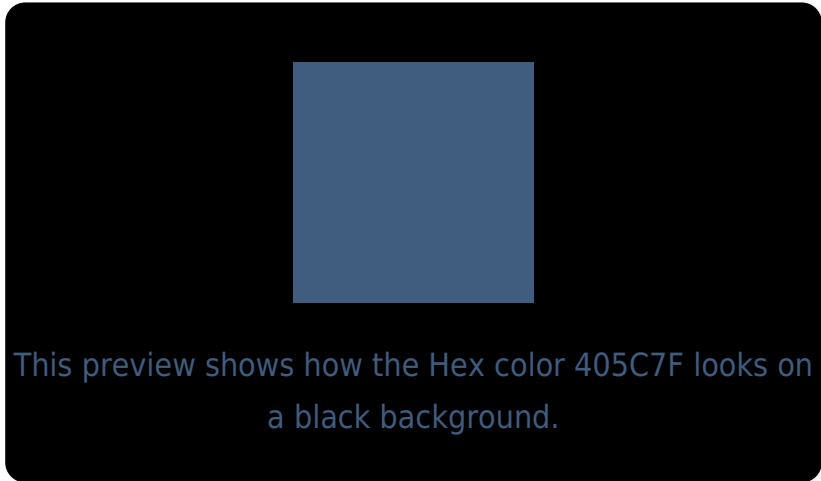
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

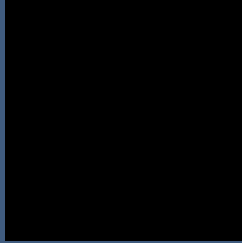
Any Text WCAG AA × Fail

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 405C7F Background



This preview shows how black text looks on a background with the Hex color 405C7F.

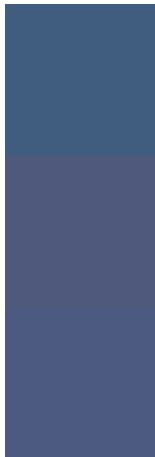


This preview shows how white text looks on a background with the Hex color 405C7F.

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
405C7F

Protanopia
4F597C

Deuteranopia
4C5980



Tritanopia
396068

Trichromacy



Original Color
405C7F

Protanomaly
4A5A7D

Deuteranomaly
485A80

Tritanomaly
3C5F70

Monochromacy



Original Color
405C7F

Achromatopsia
585858

Achromatomaly
4F5966

CSS Examples

Text

The CSS property to change the color of the text to Hex 405C7F 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 #405C7F looks like.

```
.text, #text, p{  
    color:#405C7F  
}
```

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 #405C7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #405C7F
}
```

Border

The CSS property to change the border of an element to Hex 405C7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

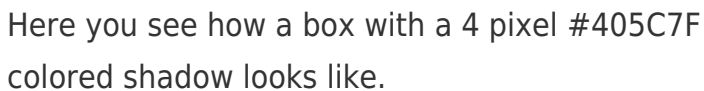
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#405C7F }
```

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

```
.border{ border-color:#405C7F }
```

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



Here you see how a box with a 4 pixel #405C7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #405C7F; -webkit-box-shadow:4px 4px  
4px 4px #405C7F; box-shadow:4px 4px 4px  
4px #405C7F }
```

Background

The CSS property to change the background color of an element to Hex 405C7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#405C7F }
```

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

```
.background{ background-color:#405C7F }
```

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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