

Converting Colors

Hex(4A5A80)

Have a look what the booklet for
Hex(4A5A80) contains.

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Color

Hex(4A5A80)

Conversions

Conversions Part 1

Format	Color
Hex	4A5A80
RGB	74, 90, 128
RGB Percent	29%, 35%, 50%
CMY	0.7098, 0.6471, 0.4980
CMYK	0.42, 0.30, 0.00, 0.50
HSL	222°, 27%, 40%
HSV	222°, 42%, 50%
XYZ	10.3765, 10.3267, 21.8684
YIQ	89.5480, -21.7340, 8.4260

Conversions

Conversions Part 2

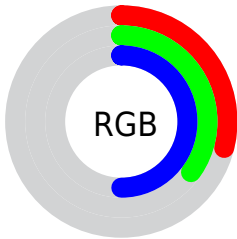
Format	Color
R _Y B	74, 86, 128
Decimal	4872832
CIE Lab	38.42, 4.39, -23.29
CIE LCh	38, 23.703, 280.670
Yxy	10.3267, 0.2437, 0.2426
Android (android.graphics.Color)	4283062912 (0xFF4A5A80)
YUV	89.5480, 18.9568, -13.6356
Hunter-Lab	32.1352, 1.4013, -17.8531

Details

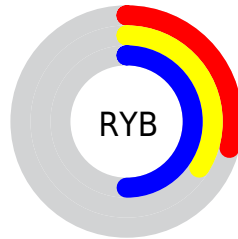
The Hex color **4A5A80** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **80704A**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **7D8CB5**, and **182D4F** is the 20% darker color. If you saturate the color by 10%, you get **3D5180**, and if you desaturate by 10%, it is **576380**.

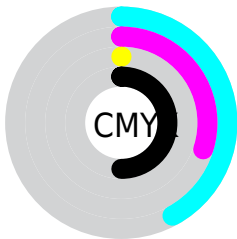
Distribution



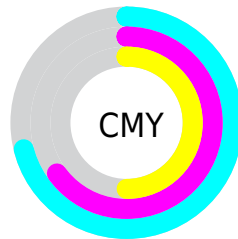
- Red (29%)
- Green (35%)
- Blue (50%)



- Red (29%)
- Yellow (34%)
- Blue (50%)



- Cyan (42%)
- Magenta (30%)
- Yellow (0%)
- Black (50%)



- Cyan (71%)
- Magenta (65%)
- Yellow (50%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A5A80 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 4A5A80 by changing the saturation by 10% instead.

■ 4A5A80

■ 4A5A80

FFFFFF

■ 314367

■ 7D8CB5

■ 182D4F

■ 97A6D1

■ 001838

■ B3C1ED

■ 000222

■ CFDDFF

■ 000008

■ EBFAFF

■ 000000

■ 4A5A80

■ 4A5A80

■ 3D5180

■ 576380

■ 304880

■ 646C80

■ 243F80

■ 707580

■ 173680

■ 7D7E80

■ 0A2D80

■ 8A8780

■ 002680

■ 979080

■ A49980

■ B0A280

■ BDAB80

Harmonies

Analogous

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



29607E



4A5A80



665378

Triad

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



4A5A80



7D4F42



33644D

Complementary

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



4A5A80



80704A

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.



4B613D



4A5A80



725536

Square

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



4A5A80



804C54



605C34



186561

Rectangle

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



4A5A80



734F6E



605C34



3C6347

Sweetspot

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



4A5A80



9097A6



4A8070



474B54



D4D4D4



545454

Same Dimension

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



4A5A80



516AA6



554A80



393B40



002680



000000

Inverse Universe

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



804A5A



A6516A



75804A



40393B



800026



000000

Previews

White Background



This preview shows how the Hex color 4A5A80 looks on a white background.

Color Contrast Check

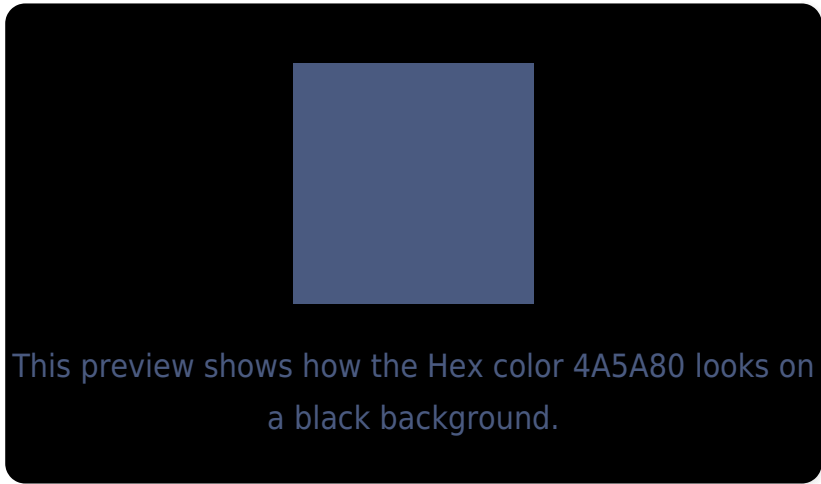
Large Text (above 18pt) WCAG AA ✓ Pass

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

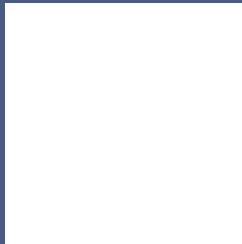
Any Text WCAG AAA × Fail

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

Hex 4A5A80 Background



This preview shows how black text looks on a background with the Hex color 4A5A80.

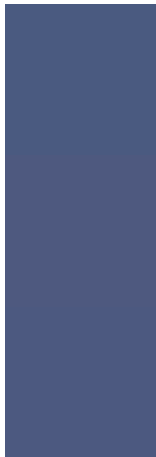


This preview shows how white text looks on a background with the Hex color 4A5A80.

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
4A5A80

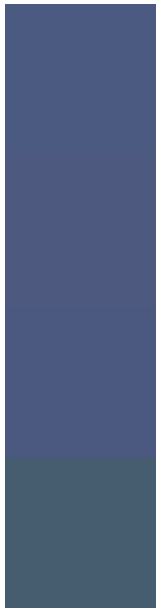
Protanopia
4E597F

Deuteranopia
4C5980



Tritanopia
435F67

Trichromacy



Original Color
4A5A80

Protanomaly
4D597F

Deuteranomaly
4B5980

Tritanomaly
465D70

Monochromacy



Original Color
4A5A80

Achromatopsia
5A5A5A

Achromatomaly
545A68

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A5A80 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 #4A5A80 looks like.

```
.text, #text, p{  
    color:#4A5A80  
}
```

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 #4A5A80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A5A80
}
```

Border

The CSS property to change the border of an element to Hex 4A5A80 is called "border". The border property can be set on classes, ids or directly on the HTML element.

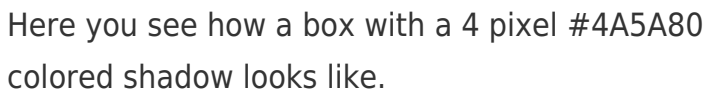
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A5A80 }
```

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

```
.border{ border-color:#4A5A80 }
```

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



Here you see how a box with a 4 pixel #4A5A80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A5A80; -webkit-box-shadow:4px 4px  
4px 4px #4A5A80; box-shadow:4px 4px 4px  
4px #4A5A80 }
```

Background

The CSS property to change the background color of an element to Hex 4A5A80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A5A80 }
```

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

```
.background{ background-color:#4A5A80 }
```

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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