

Converting Colors

Hex(4A5882)

Have a look what the booklet for
Hex(4A5882) contains.

Hex(4A5882)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4A5882)

Conversions

Conversions Part 1

Format	Color
Hex	4A5882
RGB	74, 88, 130
RGB Percent	29%, 35%, 51%
CMY	0.7098, 0.6549, 0.4902
CMYK	0.43, 0.32, 0.00, 0.49
HSL	225°, 27%, 40%
HSV	225°, 43%, 51%
XYZ	10.3430, 10.0470, 22.5132
YIQ	88.6020, -21.8260, 10.0940

Conversions

Conversions Part 2

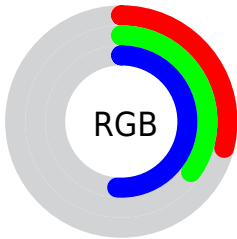
Format	Color
R_{YB}	74, 85, 130
Decimal	4872322
CIE Lab	37.93, 6.27, -25.29
CIE LCh	38, 26.053, 283.923
Yxy	10.0470, 0.2411, 0.2342
Android (android.graphics.Color)	4283062402 (0xFF4A5882)
YUV	88.6020, 20.4092, -12.8060
Hunter-Lab	31.6970, 2.7765, -19.9236

Details

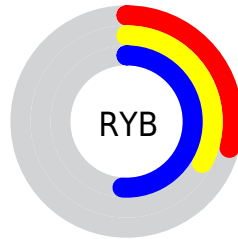
The Hex color **4A5882** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **82744A**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7D8AB7**, and **182B50** is the 20% darker color. If you saturate the color by 10%, you get **3D4E82**, and if you desaturate by 10%, it is **576282**.

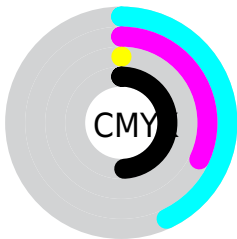
Distribution



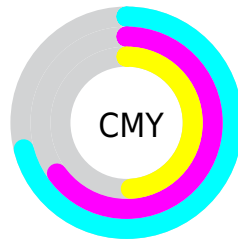
- Red (29%)
- Green (35%)
- Blue (51%)



- Red (29%)
- Yellow (33%)
- Blue (51%)



- Cyan (43%)
- Magenta (32%)
- Yellow (0%)
- Black (49%)



- Cyan (71%)
- Magenta (65%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A5882 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 4A5882 by changing the saturation by 10% instead.



4A5882



4A5882

FFFFFF



314169



7D8AB7



182B50



98A4D3



001739



B3BFEF



000224



CFDBFF



00000B



ECF7FF



000000



4A5882



4A5882



3D4E82



576282



304582



646C82

■ 233B82

■ 717582

■ 163182

■ 7E7F82

■ 092782

■ 8B8982

■ 002182

■ 989382

■ A59C82

■ B2A682

■ BFB082

Harmonies

Analogous

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



215F81



4A5882



685078

Triad

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



4A5882



7E4D3D



29644D

Complementary

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



4A5882



82744A

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.



46603A



4A5882



705431

Square

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



4A5882



824950



5D5B30



006463

Rectangle

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



4A5882



764C6C



5D5B30



346346

Sweetspot

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



4A5882



9298A8



4A8274



474A54



D4D4D4



545454

Same Dimension

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



4A5882



5167A8



584A82



393B40



002080



000000

Inverse Universe

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



824A58



A85167



74824A



40393B



800020



000000

Previews

White Background



This preview shows how the Hex color 4A5882 looks on a white background.

Color Contrast Check

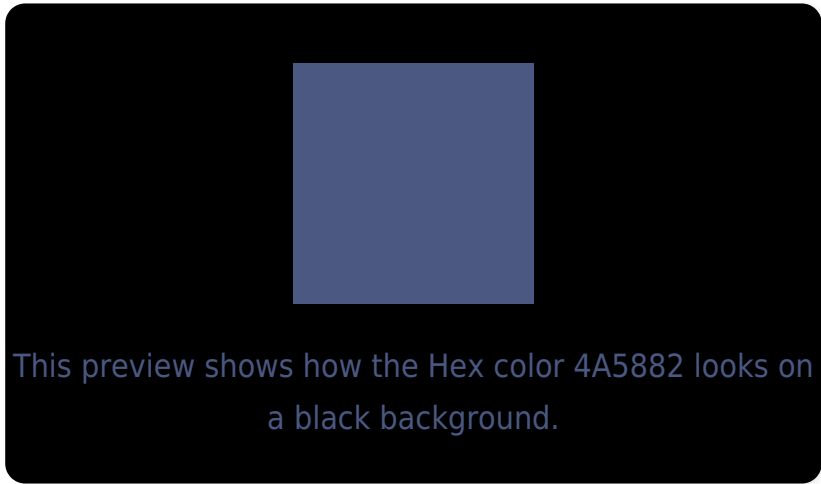
Large Text (above 18pt) WCAG AA ✓ Pass

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

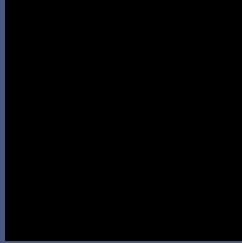
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

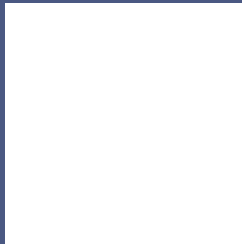
Any Text WCAG AAA × Fail

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

Hex 4A5882 Background



This preview shows how black text looks on a background with the Hex color 4A5882.

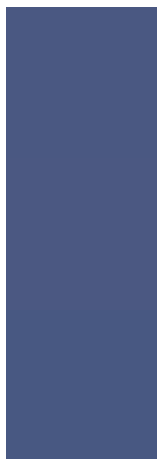


This preview shows how white text looks on a background with the Hex color 4A5882.

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


4A5882

Protanopia

4B5882

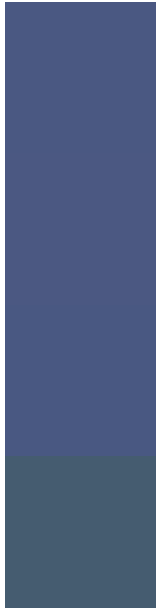
Deuteranopia

485882



Tritanopia
425E65

Trichromacy



Original Color
4A5882

Protanomaly
4B5882

Deuteranomaly
495882

Tritanomaly
455C70

Monochromacy



Original Color
4A5882

Achromatopsia
595959

Achromatomaly
545968

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A5882 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 #4A5882 looks like.

```
.text, #text, p{  
    color:#4A5882  
}
```

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 #4A5882 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A5882
}
```

Border

The CSS property to change the border of an element to Hex 4A5882 is called "border". The border property can be set on classes, ids or directly on the HTML element.

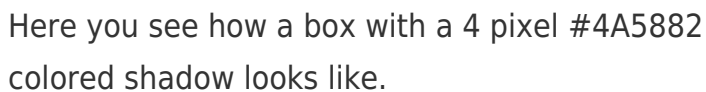
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A5882 }
```

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

```
.border{ border-color:#4A5882 }
```

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



Here you see how a box with a 4 pixel #4A5882 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A5882; -webkit-box-shadow:4px 4px  
4px 4px #4A5882; box-shadow:4px 4px 4px  
4px #4A5882 }
```

Background

The CSS property to change the background color of an element to Hex 4A5882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A5882 }
```

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

```
.background{ background-color:#4A5882 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor