

Converting Colors

Hex(4A6182)

Have a look what the booklet for
Hex(4A6182) contains.

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Color

Hex(4A6182)

Conversions

Conversions Part 1

Format	Color
Hex	4A6182
RGB	74, 97, 130
RGB Percent	29%, 38%, 51%
CMY	0.7098, 0.6196, 0.4902
CMYK	0.43, 0.25, 0.00, 0.49
HSL	215°, 27%, 40%
HSV	215°, 43%, 51%
XYZ	11.1280, 11.6169, 22.7749
YIQ	93.8850, -24.3010, 5.3870

Conversions

Conversions Part 2

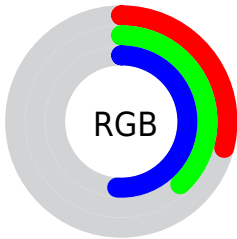
Format	Color
RYB	74, 90, 130
Decimal	4874626
CIELab	40.60, 0.64, -21.13
CIElCh	41, 21.143, 271.721
Yxy	11.6169, 0.2445, 0.2552
Android (android.graphics.Color)	4283064706 (0xFF4A6182)
YUV	93.8850, 17.8047, -17.4391
Hunter-Lab	34.0836, -1.3677, -15.7594

Details

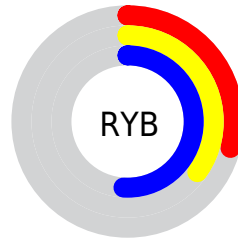
The Hex color **4A6182** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **826B4A**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **7D93B7**, and **183351** is the 20% darker color. If you saturate the color by 10%, you get **3D5982**, and if you desaturate by 10%, it is **576982**.

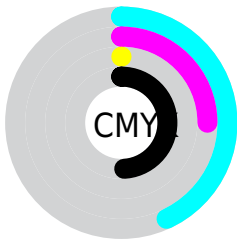
Distribution



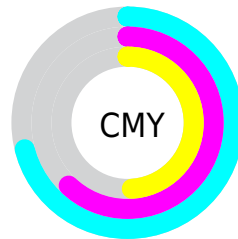
- Red (29%)
- Green (38%)
- Blue (51%)



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



- Cyan (43%)
- Magenta (25%)
- Yellow (0%)
- Black (49%)



- Cyan (71%)
- Magenta (62%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A6182 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 4A6182 by changing the saturation by 10% instead.

■ 4A6182

■ 4A6182

FFFFFF

■ 314969

■ 7D93B7

■ 183351

■ 98AED3

■ 001E39

■ B3C9EF

■ 000424

■ CFE5FF

■ 00000C

■ EBFFFF

■ 000000

■ 4A6182

■ 4A6182

■ 3D5982

■ 576982

■ 305282

■ 647082

■ 234A82

■ 717882

■ 164282

■ 7E8082

■ 093B82

■ 8B8782

■ 003582

■ 988F82

■ A59782

■ B29E82

■ BFA682

Harmonies

Analogous

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



31667E



4A6182



635B7D

Triad

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



4A6182



81544E



44684F

Complementary

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



4A6182



826B4A

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.



586442



4A6182



795942

Square

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



4A6182



81535F



6B5F3D



306960

Rectangle

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



4A6182



715775



6B5F3D



4B674A

Sweetspot

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



4A6182



929BA8



4A826B



474C54



D4D4D4



545454

Same Dimension

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



4A6182



5175A8



4F4A82



393C40



003480



000000

Inverse Universe

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



824A61



A85175



7D824A



40393C



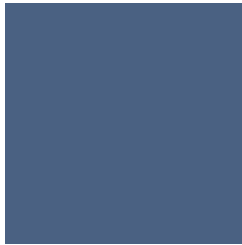
800034



000000

Previews

White Background



This preview shows how the Hex color 4A6182 looks on a white background.

Color Contrast Check

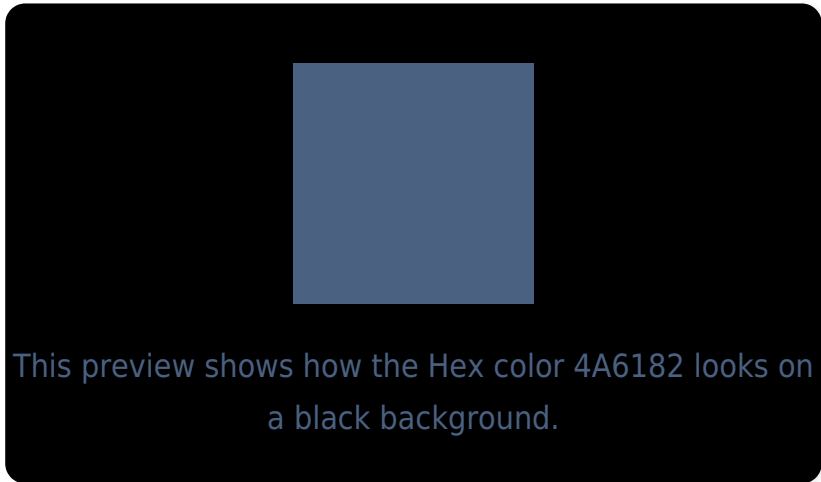
Large Text (above 18pt) WCAG AA ✓ Pass

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 4A6182 Background



This preview shows how black text looks on a background with the Hex color 4A6182.

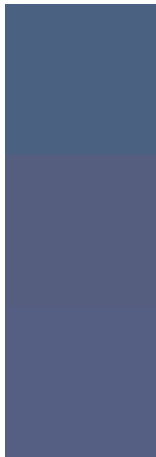


This preview shows how white text looks on a background with the Hex color 4A6182.

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
4A6182

Protanopia
565E80

Deuteranopia
555E83



Tritanopia
44656D

Trichromacy



Original Color

4A6182

Protanomaly

525F81

Deuteranomaly

515F83

Tritanomaly

466475

Monochromacy



Original Color

4A6182

Achromatopsia

5E5E5E

Achromatomaly

575F6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A6182 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 #4A6182 looks like.

```
.text, #text, p{  
    color:#4A6182  
}
```

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 #4A6182 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A6182
}
```

Border

The CSS property to change the border of an element to Hex 4A6182 is called "border". The border property can be set on classes, ids or directly on the HTML element.

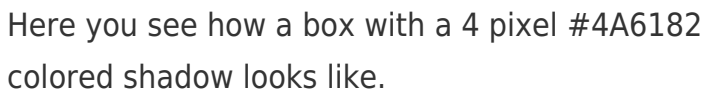
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A6182 }
```

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

```
.border{ border-color:#4A6182 }
```

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



Here you see how a box with a 4 pixel #4A6182 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A6182; -webkit-box-shadow:4px 4px  
4px 4px #4A6182; box-shadow:4px 4px 4px  
4px #4A6182 }
```

Background

The CSS property to change the background color of an element to Hex 4A6182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A6182 }
```

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

```
.background{ background-color:#4A6182 }
```

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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