

Converting Colors

Hex(4A6C79)

Have a look what the booklet for
Hex(4A6C79) contains.

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Color

Hex(4A6C79)

Conversions

Conversions Part 1

Format	Color
Hex	4A6C79
RGB	74, 108, 121
RGB Percent	29%, 42%, 47%
CMY	0.7098, 0.5765, 0.5255
CMYK	0.39, 0.11, 0.00, 0.53
HSL	197°, 24%, 38%
HSV	197°, 39%, 47%
XYZ	11.6378, 13.5614, 20.0934
YIQ	99.3160, -24.4370, -3.1650

Conversions

Conversions Part 2

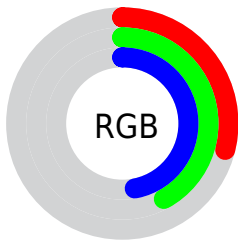
Format	Color
R_{YB}	74, 94, 121
Decimal	4877433
CIE _{Lab}	43.60, -8.60, -11.11
CIE _{LCh}	44, 14.052, 232.257
Yxy	13.5614, 0.2569, 0.2994
Android (android.graphics.Color)	4283067513 (0xFF4A6C79)
YUV	99.3160, 10.6902, -22.2021
Hunter-Lab	36.8259, -8.0353, -6.5725

Details

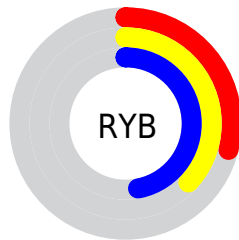
The Hex color **4A6C79** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **79574A**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **7D9FAD**, and **193D48** is the 20% darker color. If you saturate the color by 10%, you get **3E6979**, and if you desaturate by 10%, it is **566F79**.

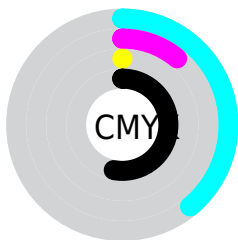
Distribution



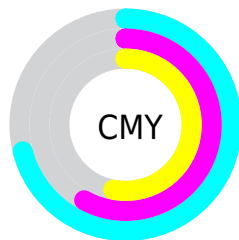
- Red (29%)
- Green (42%)
- Blue (47%)



- Red (29%)
- Yellow (37%)
- Blue (47%)



- Cyan (39%)
- Magenta (11%)
- Yellow (0%)
- Black (53%)



- Cyan (71%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A6C79 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 4A6C79 by changing the saturation by 10% instead.

■ 4A6C79

■ 4A6C79

FFFFFF

■ 325460

■ 7D9FAD

■ 193D48

■ 97BAC9

■ 002732

■ B2D6E5

■ 00131D

■ CEF3FF

■ 000000

■ EBFFFF

■ 4A6C79

■ 4A6C79

■ 3E6979

■ 566F79

■ 326579

■ 627379

■ 266279

■ 6E7679

■ 1A5F79

■ 7A7979

■ 0E5B79

■ 877D79

■ 015879

■ 938079

■ 005879

■ 9F8379

■ AB8779

■ B78A79

Harmonies

Analogous

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



476E6F



4A6C79



56697E

Triad

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



4A6C79



7C5F6B



676951

Complementary

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



4A6C79



79574A

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.



736550



4A6C79



7F5F5F

Square

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



4A6C79



736175



7C6255



596C58

Rectangle

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



4A6C79



60667E



7C6255



6B6850

Sweetspot

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



4A6C79



8B999E



4A7957



444C4F



CFCFCF



4F4F4F

Same Dimension

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



4A6C79



548A9E



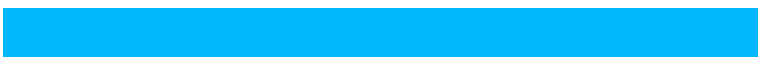
4A5579



373C3D



005A7D



00B7FC

Inverse Universe

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



794A6C



9E548A



796E4A



3D373C



7D005A



FC00B7

Previews

White Background



This preview shows how the Hex color 4A6C79 looks on a white background.

Color Contrast Check

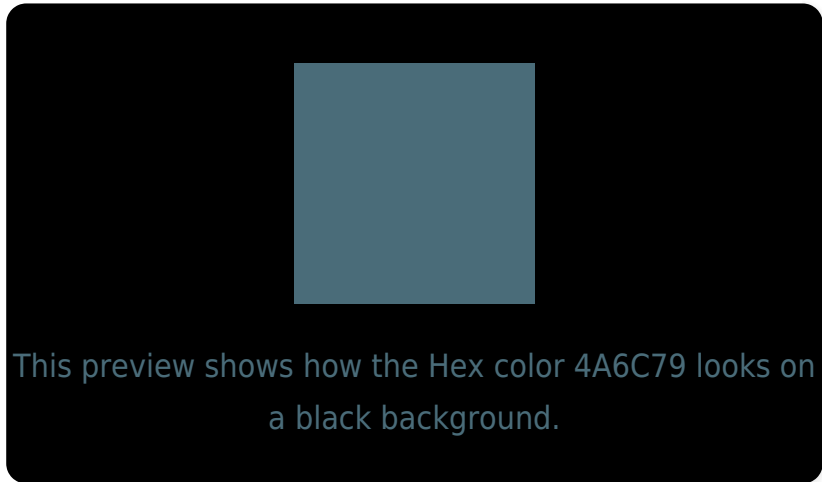
Large Text (above 18pt) WCAG AA ✓ Pass

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

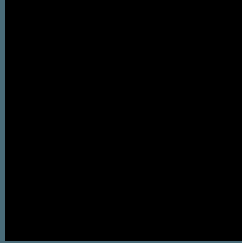
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

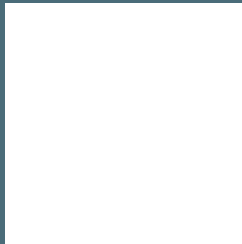
Any Text WCAG AAA × Fail

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

Hex 4A6C79 Background



This preview shows how black text looks on a background with the Hex color 4A6C79.

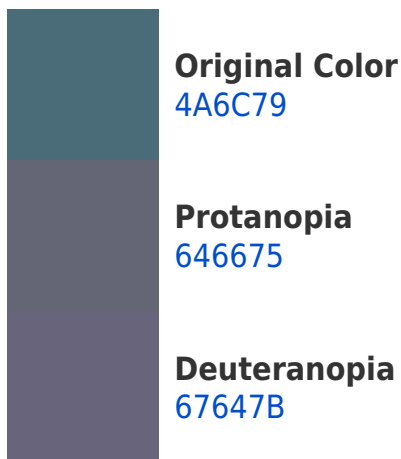



This preview shows how white text looks on a background with the Hex color 4A6C79.

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





Tritanopia
496D75

Trichromacy



Original Color
4A6C79

Protanomaly
5B6876

Deuteranomaly
5C677A

Tritanomaly
496D76

Monochromacy



Original Color
4A6C79

Achromatopsia
636363

Achromatomaly
5A666B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A6C79 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 #4A6C79 looks like.

```
.text, #text, p{  
    color:#4A6C79  
}
```

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 #4A6C79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A6C79
}
```

Border

The CSS property to change the border of an element to Hex 4A6C79 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
#4A6C79 }
```

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

```
.border{ border-color:#4A6C79 }
```

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

Here you see how a box with a 4 pixel #4A6C79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A6C79; -webkit-box-shadow:4px 4px  
4px 4px #4A6C79; box-shadow:4px 4px 4px  
4px #4A6C79 }
```

Background

The CSS property to change the background color of an element to Hex 4A6C79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A6C79 }
```

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

```
.background{ background-color:#4A6C79 }
```

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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