

Converting Colors

Hex(4B6D79)

Have a look what the booklet for
Hex(4B6D79) contains.

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Color

Hex(4B6D79)

Conversions

Conversions Part 1

Format	Color
Hex	4B6D79
RGB	75, 109, 121
RGB Percent	29%, 43%, 47%
CMY	0.7059, 0.5725, 0.5255
CMYK	0.38, 0.10, 0.00, 0.53
HSL	196°, 23%, 38%
HSV	196°, 38%, 47%
XYZ	11.8215, 13.8136, 20.1324
YIQ	100.2020, -24.1160, -3.4760

Conversions

Conversions Part 2

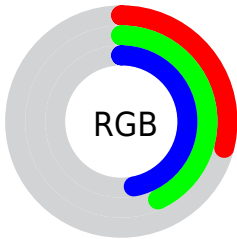
Format	Color
RYB	75, 95, 121
Decimal	4943225
CIELab	43.96, -8.88, -10.55
CIELCh	44, 13.795, 229.905
Yxy	13.8136, 0.2583, 0.3018
Android (android.graphics.Color)	4283133305 (0xFF4B6D79)
YUV	100.2020, 10.2534, -22.1022
Hunter-Lab	37.1667, -8.2668, -6.0995

Details

The Hex color **4B6D79** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **79574B**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **7EA1AD**, and **1A3D48** is the 20% darker color. If you saturate the color by 10%, you get **3F6A79**, and if you desaturate by 10%, it is **577079**.

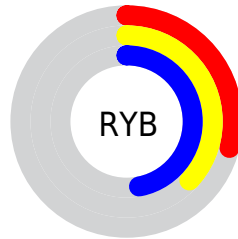
Distribution



Red (29%)

Green (43%)

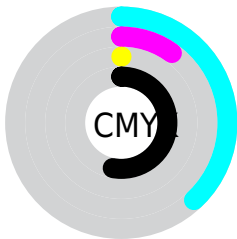
Blue (47%)



Red (29%)

Yellow (37%)

Blue (47%)

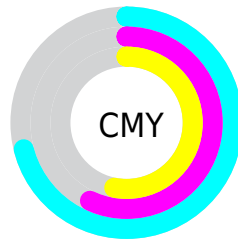


Cyan (38%)

Magenta (10%)

Yellow (0%)

Black (53%)



Cyan (71%)

Magenta (57%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B6D79 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 4B6D79 by changing the saturation by 10% instead.

■ 4B6D79

■ 4B6D79

FFFFFF

■ 335560

■ 7EA1AD

■ 1A3D48

■ 98BCC9

■ 002832

■ B3D7E5

■ 00141D

■ CFF4FF

■ 000000

■ ECFFFF

■ 4B6D79

■ 4B6D79

■ 3F6A79

■ 577079

■ 336779

■ 637379

■ 276479

■ 6F7679

■ 1B6079

■ 7B7A79

■ 0E5D79

■ 877D79

■ 025A79

■ 948079

■ 005979

■ A08379

■ AC8679

■ B88979

Harmonies

Analogous

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



496E6F



4B6D79



566A7E

Triad

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



4B6D79



7D606C



696A52

Complementary

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



4B6D79



79574B

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.



746652



4B6D79



806061

Square

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



4B6D79



736377



7D6257



5C6D59

Rectangle

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



4B6D79



60687E



7D6257



6D6851

Sweetspot

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



4B6D79



8D9A9E



4B7956



454C4F



CFCFCF



4F4F4F

Same Dimension

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



4B6D79



558B9E



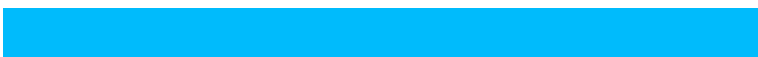
4B5679



373C3D



005C7D



00BBFC

Inverse Universe

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



794B6D



9E558B



796D4B



3D373C



7D005C



FC00BB

Previews

White Background



This preview shows how the Hex color 4B6D79 looks on a white background.

Color Contrast Check

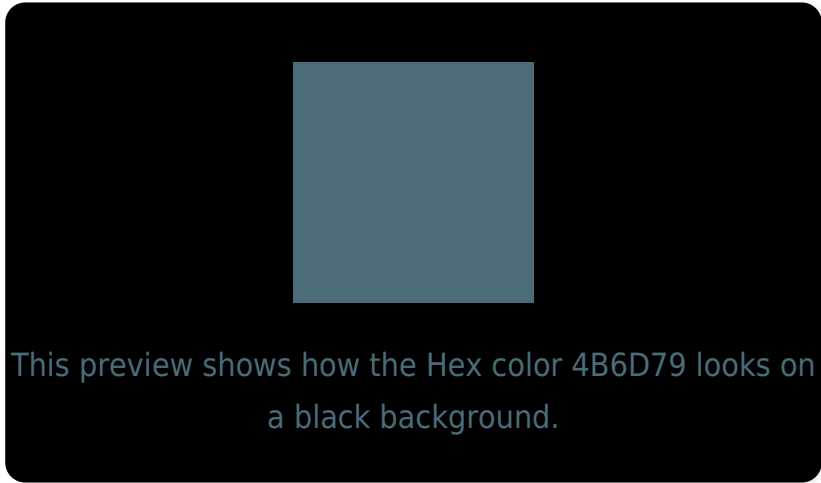
Large Text (above 18pt) WCAG AA ✓ Pass

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

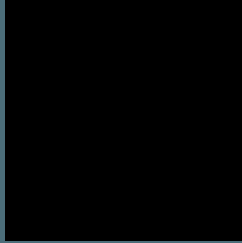
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

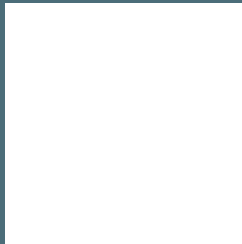
Any Text WCAG AAA × Fail

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

Hex 4B6D79 Background



This preview shows how black text looks on a background with the Hex color 4B6D79.

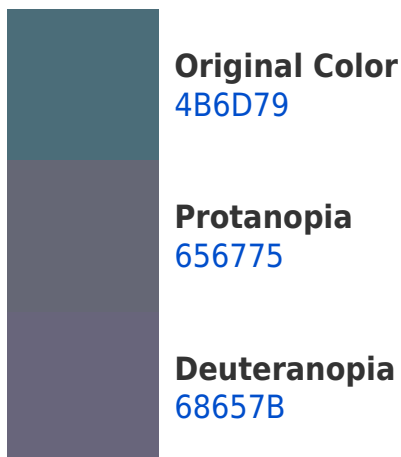



This preview shows how white text looks on a background with the Hex color 4B6D79.

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](#).

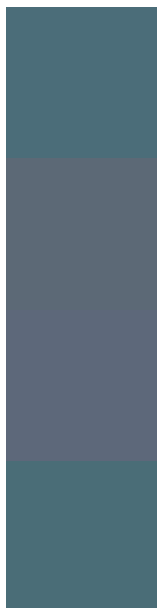
Dichromacy





Tritanopia
4A6D76

Trichromacy



Original Color

4B6D79

Protanomaly

5C6976

Deuteranomaly

5D687A

Tritanomaly

4A6D77

Monochromacy



Original Color

4B6D79

Achromatopsia

646464

Achromatomaly

5B676C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B6D79 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 #4B6D79 looks like.

```
.text, #text, p{  
    color:#4B6D79  
}
```

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 #4B6D79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B6D79
}
```

Border

The CSS property to change the border of an element to Hex 4B6D79 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
#4B6D79 }
```

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

```
.border{ border-color:#4B6D79 }
```

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

Here you see how a box with a 4 pixel #4B6D79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B6D79; -webkit-box-shadow:4px 4px  
4px 4px #4B6D79; box-shadow:4px 4px 4px  
4px #4B6D79 }
```

Background

The CSS property to change the background color of an element to Hex 4B6D79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B6D79 }
```

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

```
.background{ background-color:#4B6D79 }
```

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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