

Converting Colors

Hex(4B647F)

Have a look what the booklet for
Hex(4B647F) contains.

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Color

Hex(4B647F)

Conversions

Conversions Part 1

Format	Color
Hex	4B647F
RGB	75, 100, 127
RGB Percent	29%, 39%, 50%
CMY	0.7059, 0.6078, 0.5020
CMYK	0.41, 0.21, 0.00, 0.50
HSL	211°, 26%, 40%
HSV	211°, 41%, 50%
XYZ	11.2896, 12.1425, 21.8274
YIQ	95.6030, -23.5670, 3.0970

Conversions

Conversions Part 2

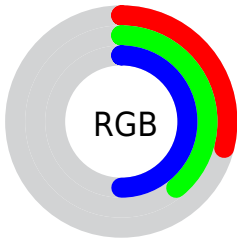
Format	Color
R_{YB}	75, 92, 127
Decimal	4940927
CIE _{Lab}	41.44, -1.81, -18.01
CIE _{LCh}	41, 18.105, 264.257
Yxy	12.1425, 0.2494, 0.2683
Android (android.graphics.Color)	4283131007 (0xFF4B647F)
YUV	95.6030, 15.4787, -18.0688
Hunter-Lab	34.8461, -3.1495, -12.7466

Details

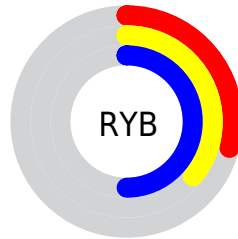
The Hex color **4B647F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7F664B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7E97B4**, and **1A364E** is the 20% darker color. If you saturate the color by 10%, you get **3E5D7F**, and if you desaturate by 10%, it is **586B7F**.

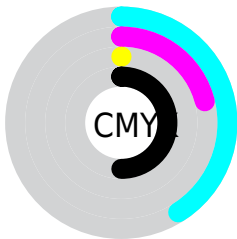
Distribution



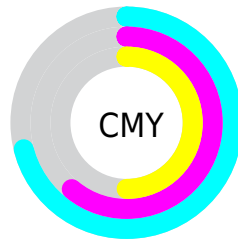
- Red (29%)
- Green (39%)
- Blue (50%)



- Red (29%)
- Yellow (36%)
- Blue (50%)



- Cyan (41%)
- Magenta (21%)
- Yellow (0%)
- Black (50%)



- Cyan (71%)
- Magenta (61%)
- Yellow (50%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B647F 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 4B647F by changing the saturation by 10% instead.

■ 4B647F

■ 4B647F

FFFFFF

■ 334C66

■ 7E97B4

■ 1A364E

■ 98B1CF

■ 002037

■ B4CDEC

■ 000922

■ D0E9FF

■ 000008

■ ECFFFF

■ 000000

■ 4B647F

■ 4B647F

■ 3E5D7F

■ 586B7F

■ 32577F

■ 64717F

■ 25507F

■ 71787F

■ 184A7F

■ 7E7E7F

■ 0C437F

■ 8B857F

■ 003D7F

■ 978C7F

■ A4927F

■ B1997F

■ BD9F7F

Harmonies

Analogous

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



396879



4B647F



605F7D

Triad

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



4B647F



805756



4F6850

Complementary

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



4B647F



7F664B

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.



606546



4B647F



7B5B4A

Square

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



4B647F



7D5765



6F6044



3F6A5E

Rectangle

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



4B647F



6D5C77



6F6044



54674C

Sweetspot

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



4B647F



929BA6



4B7F66



484E54



D4D4D4



545454

Same Dimension

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



4B647F



557CA6



4C4B7F



393C40



003D80



000000

Inverse Universe

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



7F4B64



A6557C



7E7F4B



40393C



80003D



000000

Previews

White Background



This preview shows how the Hex color 4B647F looks on a white background.

Color Contrast Check

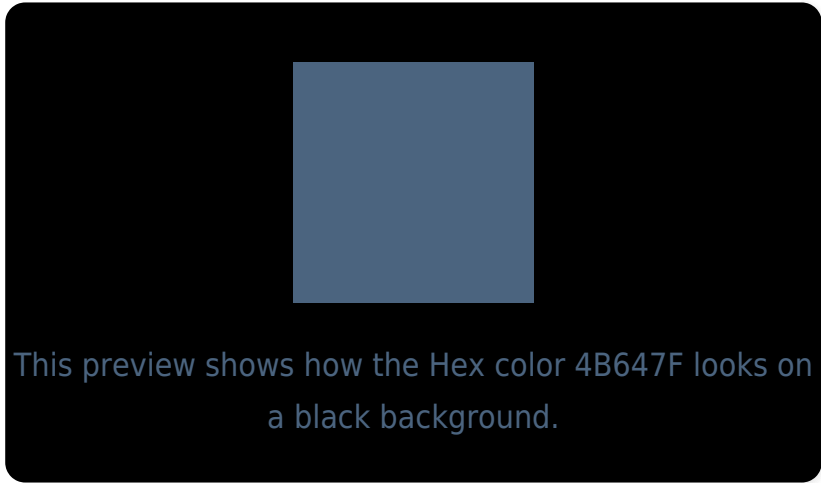
Large Text (above 18pt) WCAG AA ✓ Pass

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

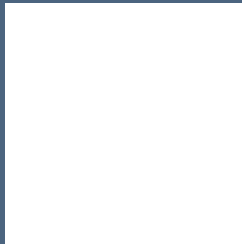
Any Text WCAG AAA × Fail

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

Hex 4B647F Background



This preview shows how black text looks on a background with the Hex color 4B647F.

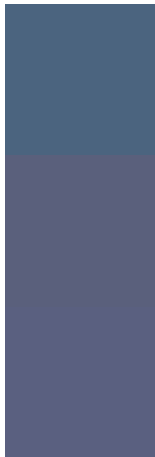


This preview shows how white text looks on a background with the Hex color 4B647F.

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
4B647F

Protanopia
5A607C

Deuteranopia
5A6080



Tritanopia
47676F

Trichromacy



Original Color
4B647F

Protanomaly
55617D

Deuteranomaly
556180

Tritanomaly
486675

Monochromacy



Original Color
4B647F

Achromatopsia
606060

Achromatomaly
58616B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B647F 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 #4B647F looks like.

```
.text, #text, p{  
    color:#4B647F  
}
```

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 #4B647F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B647F
}
```

Border

The CSS property to change the border of an element to Hex 4B647F 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
#4B647F }
```

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

```
.border{ border-color:#4B647F }
```

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

Here you see how a box with a 4 pixel #4B647F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B647F; -webkit-box-shadow:4px 4px  
4px 4px #4B647F; box-shadow:4px 4px 4px  
4px #4B647F }
```

Background

The CSS property to change the background color of an element to Hex 4B647F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B647F }
```

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

```
.background{ background-color:#4B647F }
```

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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