

Converting Colors

Hex(4B647D)

Have a look what the booklet for
Hex(4B647D) contains.

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Color

Hex(4B647D)

Conversions

Conversions Part 1

Format	Color
Hex	4B647D
RGB	75, 100, 125
RGB Percent	29%, 39%, 49%
CMY	0.7059, 0.6078, 0.5098
CMYK	0.40, 0.20, 0.00, 0.51
HSL	210°, 25%, 39%
HSV	210°, 40%, 49%
XYZ	11.1605, 12.0909, 21.1476
YIQ	95.3750, -22.9250, 2.4750

Conversions

Conversions Part 2

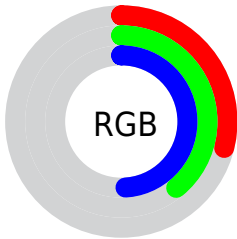
Format	Color
R _Y B	75, 92, 125
Decimal	4940925
CIE Lab	41.36, -2.40, -16.93
CIE LCh	41, 17.096, 261.928
Yxy	12.0909, 0.2514, 0.2723
Android (android.graphics.Color)	4283131005 (0xFF4B647D)
YUV	95.3750, 14.6051, -17.8689
Hunter-Lab	34.7719, -3.5590, -11.7186

Details

The Hex color **4B647D** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7D644B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7E97B2**, and **1A364C** is the 20% darker color. If you saturate the color by 10%, you get **3F5E7D**, and if you desaturate by 10%, it is **576A7D**.

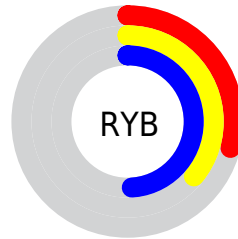
Distribution



Red (29%)

Green (39%)

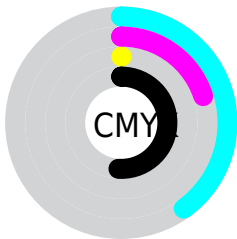
Blue (49%)



Red (29%)

Yellow (36%)

Blue (49%)

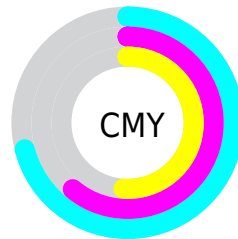


Cyan (40%)

Magenta (20%)

Yellow (0%)

Black (51%)



Cyan (71%)

Magenta (61%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B647D 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 4B647D by changing the saturation by 10% instead.

■ 4B647D

■ 4B647D

FFFFFF

■ 334C64

■ 7E97B2

■ 1A364C

■ 98B1CD

■ 002035

■ B3CDE9

■ 000920

■ CFE9FF

■ 000005

■ ECFE99

■ 000000

■ 4B647D

■ 4B647D

■ 3F5E7D

■ 576A7D

■ 32577D

■ 64717D

■ 26517D

■ 71777D

■ 194B7D

■ 7D7D7D

■ 0C457D

■ 8A837D

■ 003F7D

■ 968A7D

■ A3907D

■ AF967D

■ BB9C7D

Harmonies

Analogous

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



3C6877



4B647D



5F5F7B

Triad

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



4B647D



7E5858



516750

Complementary

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



4B647D



7D644B

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.



616447



4B647D



7A5B4C

Square

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



4B647D



7B5866



6F5F46



42695D

Rectangle

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



4B647D



6B5C76



6F5F46



56664C

Sweetspot

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



4B647D



9099A3



4B7D64



464C52



D1D1D1



525252

Same Dimension

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



4B647D



557CA3



4B4B7D



393D40



004080



000000

Inverse Universe

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



7D4B64



A3557C



7D7D4B



40393D



800040



000000

Previews

White Background



This preview shows how the Hex color 4B647D looks on a white background.

Color Contrast Check

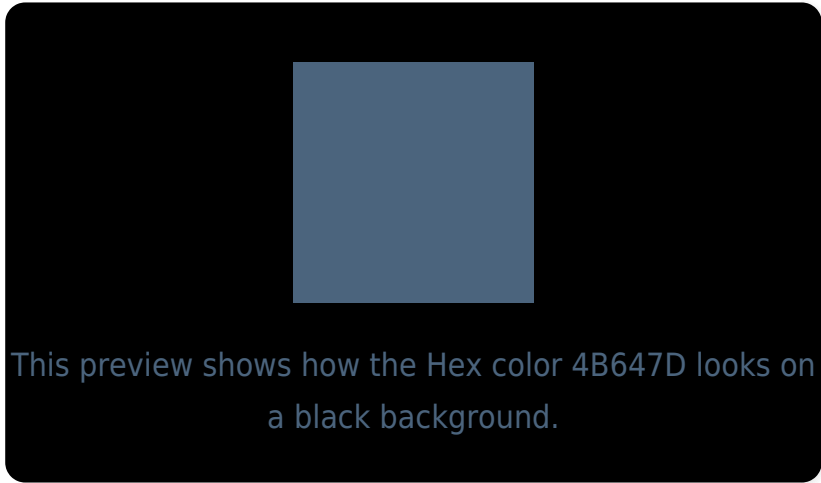
Large Text (above 18pt) WCAG AA ✓ Pass

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

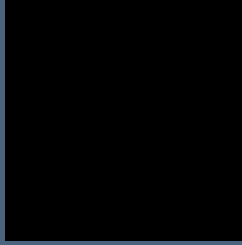
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

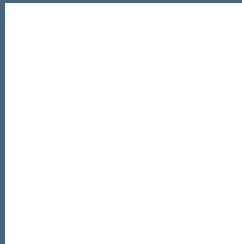
Any Text WCAG AAA × Fail

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

Hex 4B647D Background



This preview shows how black text looks on a background with the Hex color 4B647D.

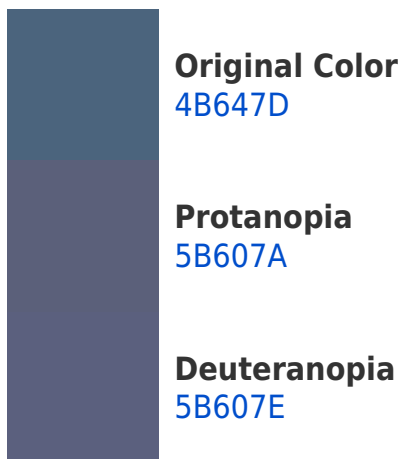



This preview shows how white text looks on a background with the Hex color 4B647D.

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
47676F

Trichromacy



Original Color
4B647D

Protanomaly
55617B

Deuteranomaly
55617E

Tritanomaly
486674

Monochromacy



Original Color
4B647D

Achromatopsia
5F5F5F

Achromatomaly
58616A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B647D 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 #4B647D looks like.

```
.text, #text, p{  
    color:#4B647D  
}
```

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 #4B647D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B647D  
}
```

Border

The CSS property to change the border of an element to Hex 4B647D 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  
#4B647D }
```

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

```
.border{ border-color:#4B647D }
```

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

Here you see how a box with a 4 pixel #4B647D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B647D; -webkit-box-shadow:4px 4px  
4px 4px #4B647D; box-shadow:4px 4px 4px  
4px #4B647D }
```

Background

The CSS property to change the background color of an element to Hex 4B647D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B647D }
```

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

```
.background{ background-color:#4B647D }
```

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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