

Converting Colors

Hex(4B74A3)

Have a look what the booklet for
Hex(4B74A3) contains.

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Color

Hex(4B74A3)

Conversions

Conversions Part 1

Format	Color
Hex	4B74A3
RGB	75, 116, 163
RGB Percent	29%, 45%, 64%
CMY	0.7059, 0.5451, 0.3608
CMYK	0.54, 0.29, 0.00, 0.36
HSL	212°, 37%, 47%
HSV	212°, 54%, 64%
XYZ	15.7579, 16.6310, 37.0299
YIQ	109.0990, -39.5230, 5.9250

Conversions

Conversions Part 2

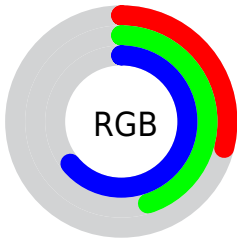
Format	Color
RYB	75, 103, 163
Decimal	4945059
CIELab	47.79, -0.29, -29.62
CIELCh	48, 29.619, 269.446
Yxy	16.6310, 0.2270, 0.2396
Android (android.graphics.Color)	4283135139 (0xFF4B74A3)
YUV	109.0990, 26.5732, -29.9048
Hunter-Lab	40.7811, -2.3942, -25.2895

Details

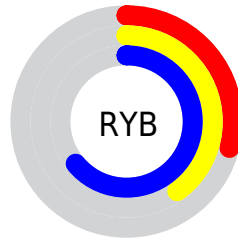
The Hex color **4B74A3** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A37A4B**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **81A8DA**, and **0B446F** is the 20% darker color. If you saturate the color by 10%, you get **3B6BA3**, and if you desaturate by 10%, it is **5B7DA3**.

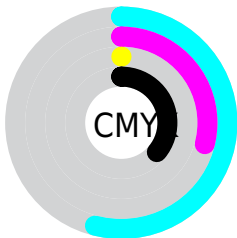
Distribution



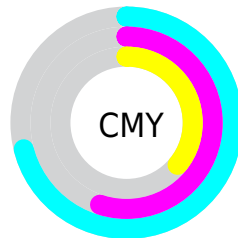
- Red (29%)
- Green (45%)
- Blue (64%)



- Red (29%)
- Yellow (40%)
- Blue (64%)



- Cyan (54%)
- Magenta (29%)
- Yellow (0%)
- Black (36%)



- Cyan (71%)
- Magenta (55%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B74A3 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 4B74A3 by changing the saturation by 10% instead.

■ 4B74A3

■ 4B74A3

FFFFFF

■ 2F5C89

■ 81A8DA

■ 0B446F

■ 9DC3F7

■ 002E56

■ B9DFFF

■ 001A3F

■ D6FBFF

■ 000329

■ F3FFFF

■ 000113

■ 000000

■ 4B74A3

■ 4B74A3

■ 3B6BA3

■ 5B7DA3

■ 2A63A3

■ 6C85A3

■ 1A5AA3

■ 7C8EA3

■ 0A51A3

■ 8C97A3

■ 004CA3

■ 9CA0A3

■ ADA8A3

■ BDB1A3

■ CDBAA3

■ DEC2A3

Harmonies

Analogous

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



167B9C



4B74A3



736B9D

Triad

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



4B74A3



A1605A



4A7C57

Complementary

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



4B74A3



A37A4B

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.



687745



4B74A3



966747

Square

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



4B74A3



A05E73



82703F



257F70

Rectangle

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



4B74A3



886592



82703F



557B50

Sweetspot

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



4B74A3



B2C2D4



4BA37A



57606B



EBEBEB



6B6B6B

Same Dimension

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



4B74A3



4A8AD4



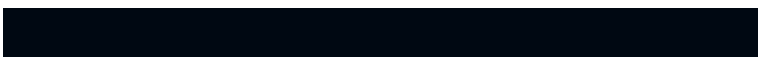
4E4BA3



494D52



004491



000812

Inverse Universe

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



A34B74



D44A8A



A0A34B



52494D



910044



120008

Previews

White Background



This preview shows how the Hex color 4B74A3 looks on a white background.

Color Contrast Check

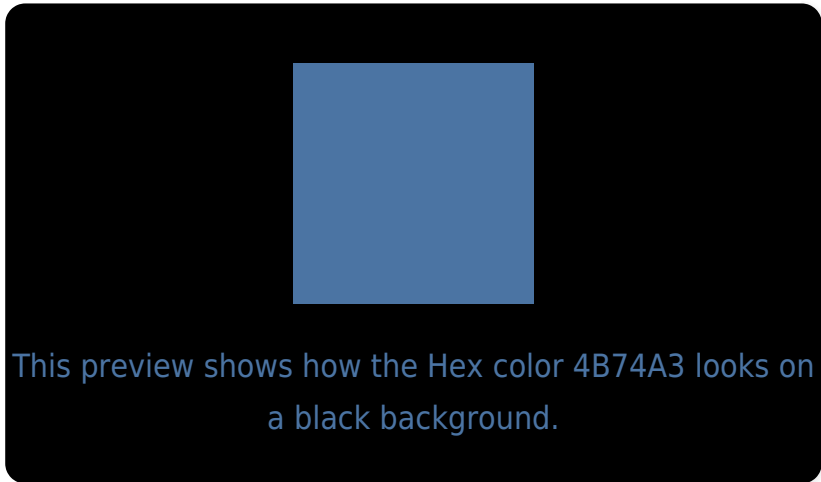
Large Text (above 18pt) WCAG AA ✓ Pass

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

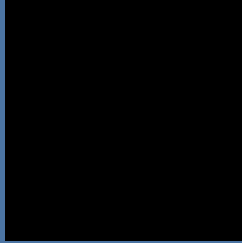
Any Text WCAG AA × Fail

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 4B74A3 Background



This preview shows how black text looks on a background with the Hex color 4B74A3.

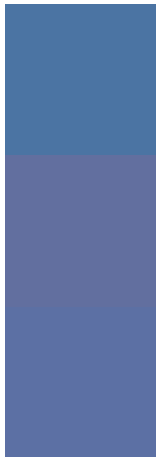


This preview shows how white text looks on a background with the Hex color 4B74A3.

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
4B74A3

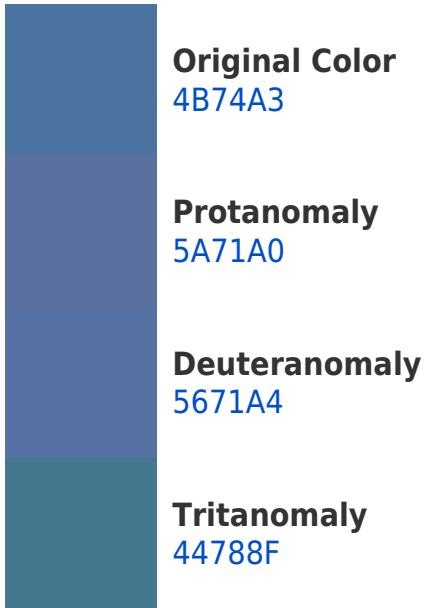
Protanopia
626F9F

Deuteranopia
5C70A4



Tritanopia
407A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B74A3 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 #4B74A3 looks like.

```
.text, #text, p{  
    color:#4B74A3  
}
```

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 #4B74A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B74A3
}
```

Border

The CSS property to change the border of an element to Hex 4B74A3 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
#4B74A3 }
```

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

```
.border{ border-color:#4B74A3 }
```

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

Here you see how a box with a 4 pixel #4B74A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B74A3; -webkit-box-shadow:4px 4px  
4px 4px #4B74A3; box-shadow:4px 4px 4px  
4px #4B74A3 }
```

Background

The CSS property to change the background color of an element to Hex 4B74A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B74A3 }
```

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

```
.background{ background-color:#4B74A3 }
```

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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