

Converting Colors

Hex(4B70AF)

Have a look what the booklet for
Hex(4B70AF) contains.

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Color

Hex(4B70AF)

Conversions

Conversions Part 1

Format	Color
Hex	4B70AF
RGB	75, 112, 175
RGB Percent	29%, 44%, 69%
CMY	0.7059, 0.5608, 0.3137
CMYK	0.57, 0.36, 0.00, 0.31
HSL	218°, 40%, 49%
HSV	218°, 57%, 69%
XYZ	16.4337, 16.1793, 42.8142
YIQ	108.1190, -42.2750, 11.7490

Conversions

Conversions Part 2

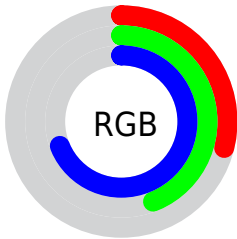
Format	Color
R_{YB}	75, 102, 175
Decimal	4944047
CIE _{Lab}	47.21, 6.10, -37.54
CIE _{LCh}	47, 38.034, 279.225
Yxy	16.1793, 0.2179, 0.2145
Android (android.graphics.Color)	4283134127 (0xFF4B70AF)
YUV	108.1190, 32.9723, -29.0454
Hunter-Lab	40.2236, 2.5365, -34.9522

Details

The Hex color **4B70AF** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AF8A4B**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **83A3E7**, and **01417A** is the 20% darker color. If you saturate the color by 10%, you get **3A65AF**, and if you desaturate by 10%, it is **5D7BAF**.

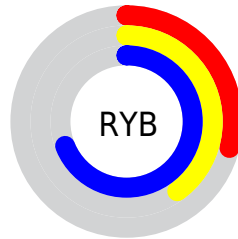
Distribution



Red (29%)

Green (44%)

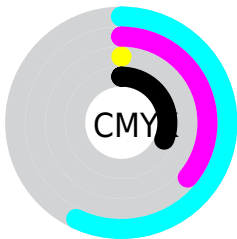
Blue (69%)



Red (29%)

Yellow (40%)

Blue (69%)

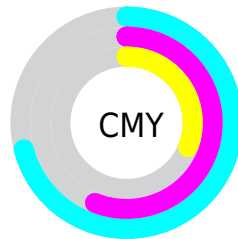


Cyan (57%)

Magenta (36%)

Yellow (0%)

Black (31%)



Cyan (71%)

Magenta (56%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B70AF 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 4B70AF by changing the saturation by 10% instead.

■ 4B70AF

■ 4B70AF

FFFFFF

■ 2D5894

■ 83A3E7

■ 01417A

■ 9FBEFF

■ 002B61

■ BBDAFF

■ 001749

■ D8F7FF

■ 000432

■ F6FFFF

■ 00011C

■ 000000

■ 4B70AF

■ 4B70AF

■ 3A65AF

■ 5D7BAF

■ 285AAF

■ 6E86AF

■ 164FAF

■ 8091AF

■ 0544AF

■ 919CAF

■ 0041AF

■ A3A7AF

■ B4B2AF

■ C6BDAF

■ D7C8AF

■ E9D3AF

Harmonies

Analogous

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



0079AB



4B70AF



7F64A2

Triad

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



4B70AF



A75B49



267F58

Complementary

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



4B70AF



AF8A4B

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.



577A3C



4B70AF



956634

Square

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



4B70AF



AC5567



79712E



008079

Rectangle

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



4B70AF



975C91



79712E



3A7D4E

Sweetspot

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



4B70AF



BCCBE3



4BAF89



5C6473



F2F2F2



737373

Same Dimension

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



4B70AF



4680E3



574BAF



4E5157



003896



000817

Inverse Universe

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



AF4B70



E34680



A3AF4B



574E51



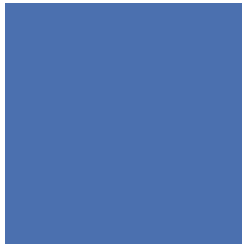
960038



170008

Previews

White Background



This preview shows how the Hex color 4B70AF looks on a white background.

Color Contrast Check

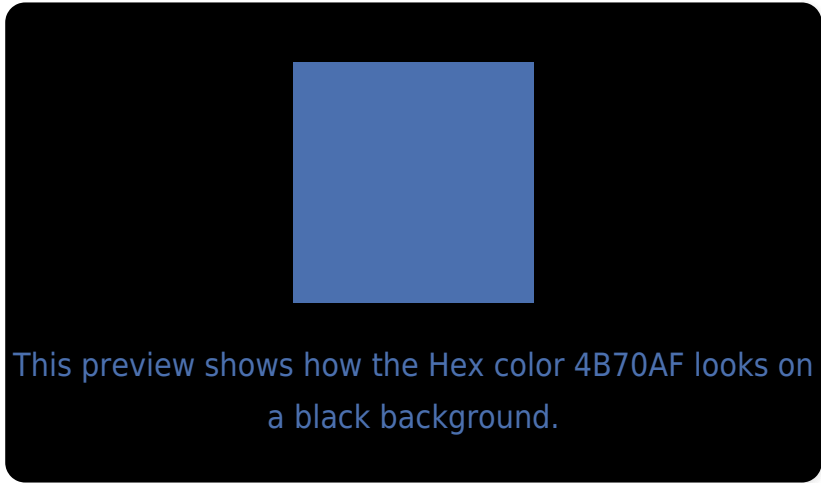
Large Text (above 18pt) WCAG AA ✓ Pass

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

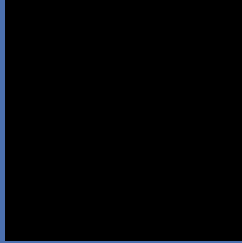
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

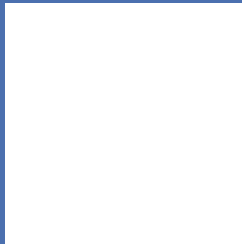
Any Text WCAG AAA × Fail

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

Hex 4B70AF Background



This preview shows how black text looks on a background with the Hex color 4B70AF.



This preview shows how white text looks on a background with the Hex color 4B70AF.

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
4B70AF

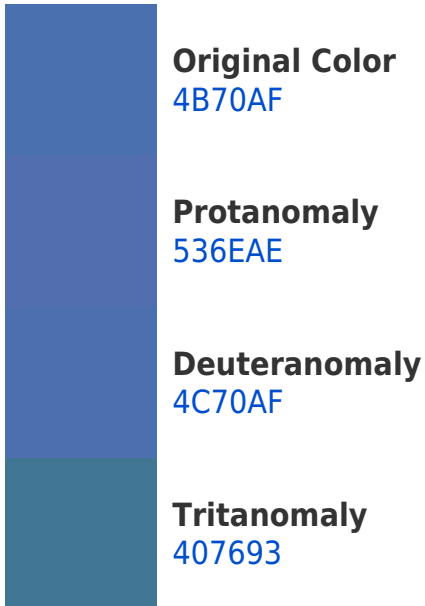
Protanopia
586DAD

Deuteranopia
4D70AF



Tritanopia
397983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B70AF 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 #4B70AF looks like.

```
.text, #text, p{  
    color:#4B70AF  
}
```

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 #4B70AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B70AF
}
```

Border

The CSS property to change the border of an element to Hex 4B70AF 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
#4B70AF }
```

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

```
.border{ border-color:#4B70AF }
```

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

Here you see how a box with a 4 pixel #4B70AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B70AF; -webkit-box-shadow:4px 4px  
4px 4px #4B70AF; box-shadow:4px 4px 4px  
4px #4B70AF }
```

Background

The CSS property to change the background color of an element to Hex 4B70AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B70AF }
```

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

```
.background{ background-color:#4B70AF }
```

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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