

Converting Colors

Hex(4B67A0)

Have a look what the booklet for
Hex(4B67A0) contains.

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Color

Hex(4B67A0)

Conversions

Conversions Part 1

Format	Color
Hex	4B67A0
RGB	75, 103, 160
RGB Percent	29%, 40%, 63%
CMY	0.7059, 0.5961, 0.3725
CMYK	0.53, 0.36, 0.00, 0.37
HSL	220°, 36%, 46%
HSV	220°, 53%, 63%
XYZ	14.0971, 13.7344, 35.1657
YIQ	101.1260, -34.9850, 11.7910

Conversions

Conversions Part 2

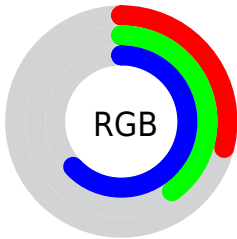
Format	Color
R_{YB}	75, 96, 160
Decimal	4941728
CIE _{Lab}	43.85, 6.69, -34.03
CIE _{LCh}	44, 34.683, 281.129
Yxy	13.7344, 0.2238, 0.2180
Android (android.graphics.Color)	4283131808 (0xFF4B67A0)
YUV	101.1260, 29.0249, -22.9125
Hunter-Lab	37.0600, 3.0438, -30.3175

Details

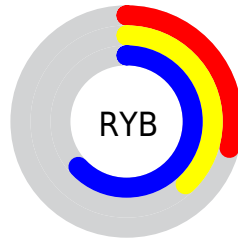
The Hex color **4B67A0** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A0844B**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **819AD7**, and **0D396C** is the 20% darker color. If you saturate the color by 10%, you get **3B5CA0**, and if you desaturate by 10%, it is **5B72A0**.

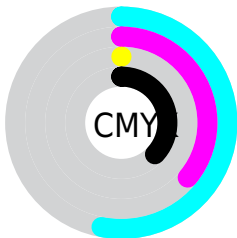
Distribution



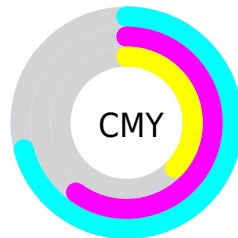
- Red (29%)
- Green (40%)
- Blue (63%)



- Red (29%)
- Yellow (38%)
- Blue (63%)



- Cyan (53%)
- Magenta (36%)
- Yellow (0%)
- Black (37%)



- Cyan (71%)
- Magenta (60%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B67A0 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 4B67A0 by changing the saturation by 10% instead.

■ 4B67A0

■ 4B67A0

FFFFFF

■ 2F4F86

■ 819AD7

■ 0D396C

■ 9CB5F4

■ 002353

■ B9D0FF

■ 000E3C

■ D5ECFF

■ 000226

■ F2FFFF

■ 00010E

■ 000000

■ 4B67A0

■ 4B67A0

■ 3B5CA0

■ 5B72A0

■ 2B52A0

■ 6B7CA0

■ 1B47A0

■ 7B87A0

■ 0B3CA0

■ 8B92A0

■ 0035A0

■ 9B9DA0

■ ABA7A0

■ BBB2A0

■ CBBDA0

■ DBC8A0

Harmonies

Analogous

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



00709E



4B67A0



785C93

Triad

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



4B67A0



995543



247554

Complementary

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



4B67A0



A0844B

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.



4F713B



4B67A0



886031

Square

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



4B67A0



9E505E



6E692D



007672

Rectangle

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



4B67A0



8C5584



6E692D



35744B

Sweetspot

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



4B67A0



B0BBD1



4BA084



555B69



E8E8E8



696969

Same Dimension

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



4B67A0



4B77D1



594BA0



474A4F



002F8F



00050F

Inverse Universe

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



A04B67



D14B77



92A04B



4F474A



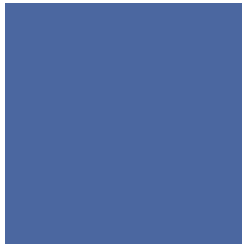
8F002F



0F0005

Previews

White Background



This preview shows how the Hex color 4B67A0 looks on a white background.

Color Contrast Check

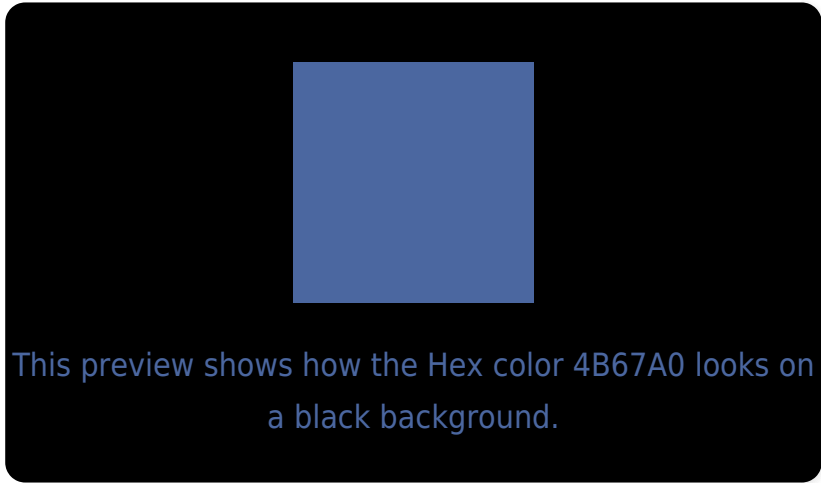
Large Text (above 18pt) WCAG AA ✓ Pass

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

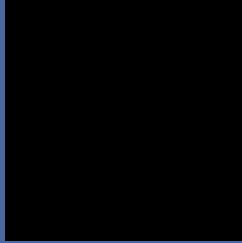
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

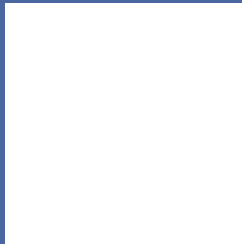
Any Text WCAG AAA × Fail

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

Hex 4B67A0 Background



This preview shows how black text looks on a background with the Hex color 4B67A0.



This preview shows how white text looks on a background with the Hex color 4B67A0.

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

4B67A0

Protanopia

53659F

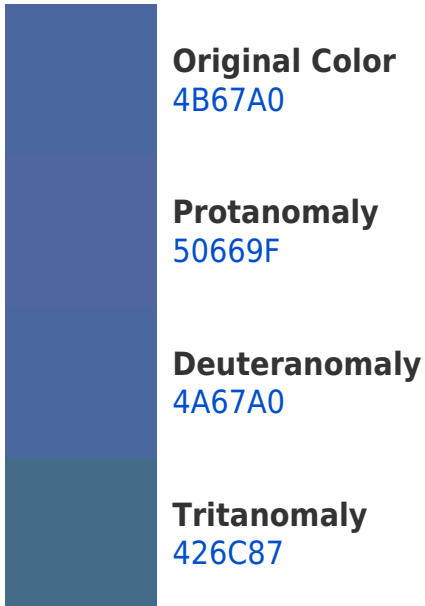
Deuteranopia

4A67A0

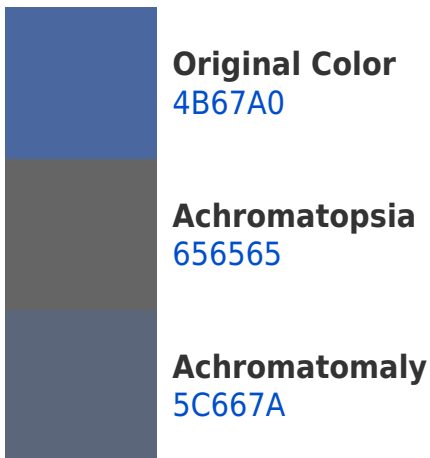


Tritanopia
3D6F78

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B67A0 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 #4B67A0 looks like.

```
.text, #text, p{  
    color:#4B67A0  
}
```

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 #4B67A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B67A0
}
```

Border

The CSS property to change the border of an element to Hex 4B67A0 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
#4B67A0 }
```

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

```
.border{ border-color:#4B67A0 }
```

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

Here you see how a box with a 4 pixel #4B67A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B67A0; -webkit-box-shadow:4px 4px  
4px 4px #4B67A0; box-shadow:4px 4px 4px  
4px #4B67A0 }
```

Background

The CSS property to change the background color of an element to Hex 4B67A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B67A0 }
```

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

```
.background{ background-color:#4B67A0 }
```

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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