

Converting Colors

Hex(4A61B6)

Have a look what the booklet for
Hex(4A61B6) contains.

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Color

Hex(4A61B6)

Conversions

Conversions Part 1

Format	Color
Hex	4A61B6
RGB	74, 97, 182
RGB Percent	29%, 38%, 71%
CMY	0.7098, 0.6196, 0.2863
CMYK	0.59, 0.47, 0.00, 0.29
HSL	227°, 43%, 50%
HSV	227°, 59%, 71%
XYZ	15.5422, 13.3826, 46.0199
YIQ	99.8130, -40.9930, 21.5590

Conversions

Conversions Part 2

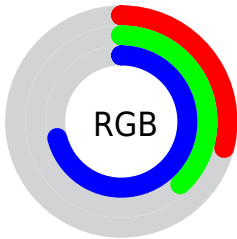
Format	Color
R_{YB}	74, 93, 182
Decimal	4874678
CIE _{Lab}	43.33, 17.67, -47.79
CIE _{LCh}	43, 50.953, 290.288
Yxy	13.3826, 0.2074, 0.1786
Android (android.graphics.Color)	4283064758 (0xFF4A61B6)
YUV	99.8130, 40.5182, -22.6380
Hunter-Lab	36.5823, 11.8179, -48.9783

Details

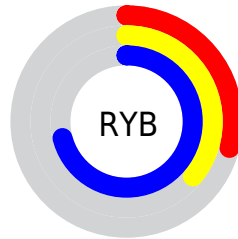
The Hex color **4A61B6** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B69F4A**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8393EE**, and **003380** is the 20% darker color. If you saturate the color by 10%, you get **3853B6**, and if you desaturate by 10%, it is **5C6FB6**.

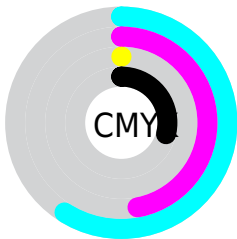
Distribution



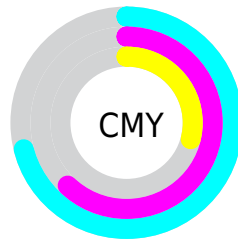
- Red (29%)
- Green (38%)
- Blue (71%)



- Red (29%)
- Yellow (36%)
- Blue (71%)



- Cyan (59%)
- Magenta (47%)
- Yellow (0%)
- Black (29%)



- Cyan (71%)
- Magenta (62%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A61B6 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 4A61B6 by changing the saturation by 10% instead.

■ 4A61B6

■ 4A61B6

FFFFFF

■ 2B499B

■ 8393EE

■ 003380

■ A0AEFF

■ 001F67

■ BCC9FF

■ 00084E

■ DAE5FF

■ 000536

■ F7FFFF

■ 000220

■ 000004

■ 000000

■ 4A61B6

■ 4A61B6

■ 3853B6

■ 5C6FB6

■ 2644B6

■ 6E7EB6

■ 1336B6

■ 818CB6

■ 0128B6

■ 939AB6

■ 0027B6

■ A5A9B6

■ B7B7B6

■ C9C5B6

■ DCD4B6

■ EEE2B6

Harmonies

Analogous

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



006FBA



4A61B6



8B4E9D

Triad

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



4A61B6



A34E26



007957

Complementary

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



4A61B6



B69F4A

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.



28752D



4A61B6



866003

Square

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



4A61B6



B13E4C



606D06



007A82

Rectangle

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



4A61B6



A44284



606D06



007848

Sweetspot

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



4A61B6



C2CCED



4AB69F



5D6378



F7F7F7



787878

Same Dimension

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



4A61B6



4569ED



694AB6



53555C



00219C



00061C

Inverse Universe

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



B64A61



ED4569



97B64A



5C5355



9C0021



1C0006

Previews

White Background



This preview shows how the Hex color 4A61B6 looks on a white background.

Color Contrast Check

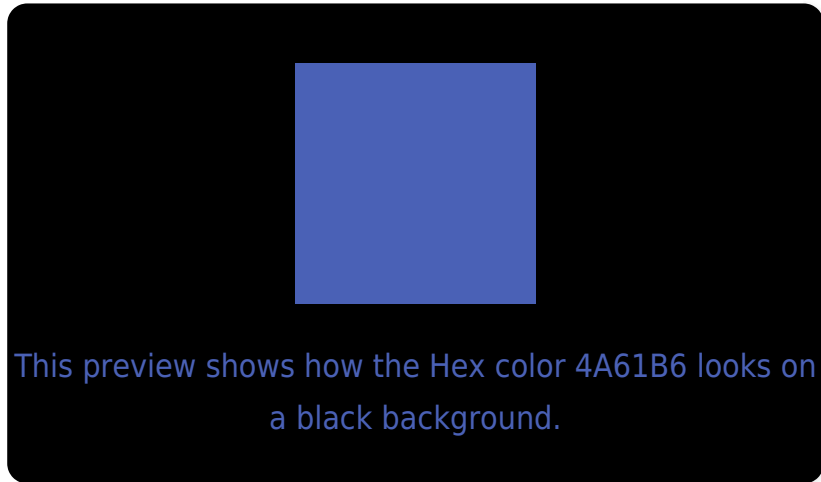
Large Text (above 18pt) WCAG AA ✓ Pass

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

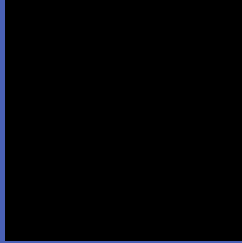
Any Text WCAG AA × Fail

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 4A61B6 Background



This preview shows how black text looks on a background with the Hex color 4A61B6.

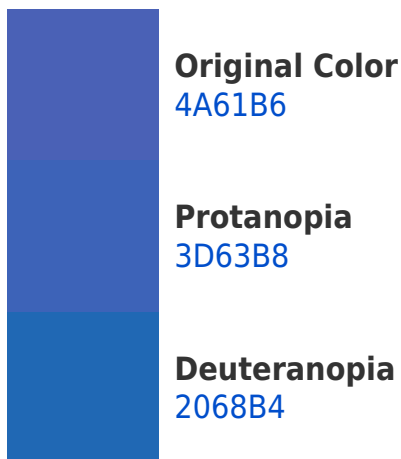



This preview shows how white text looks on a background with the Hex color 4A61B6.

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](#).

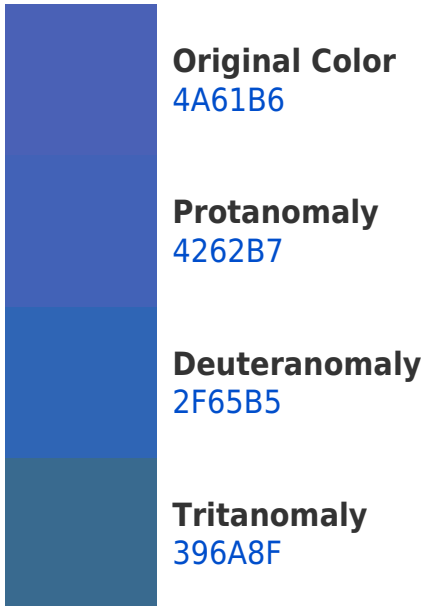
Dichromacy





Tritanopia
2F6F78

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A61B6 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 #4A61B6 looks like.

```
.text, #text, p{  
    color:#4A61B6  
}
```

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 #4A61B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A61B6
}
```

Border

The CSS property to change the border of an element to Hex 4A61B6 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
#4A61B6 }
```

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

```
.border{ border-color:#4A61B6 }
```

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

Here you see how a box with a 4 pixel #4A61B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A61B6; -webkit-box-shadow:4px 4px  
4px 4px #4A61B6; box-shadow:4px 4px 4px  
4px #4A61B6 }
```

Background

The CSS property to change the background color of an element to Hex 4A61B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A61B6 }
```

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

```
.background{ background-color:#4A61B6 }
```

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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