

Converting Colors

Hex(4A61AC)

Have a look what the booklet for
Hex(4A61AC) contains.

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Color

Hex(4A61AC)

Conversions

Conversions Part 1

Format	Color
Hex	4A61AC
RGB	74, 97, 172
RGB Percent	29%, 38%, 67%
CMY	0.7098, 0.6196, 0.3255
CMYK	0.57, 0.44, 0.00, 0.33
HSL	226°, 40%, 48%
HSV	226°, 57%, 67%
XYZ	14.5451, 12.9838, 40.7692
YIQ	98.6730, -37.7830, 18.4490

Conversions

Conversions Part 2

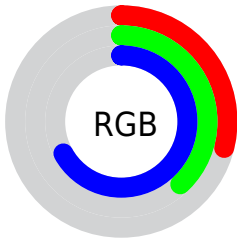
Format	Color
R _Y B	74, 93, 172
Decimal	4874668
CIE Lab	42.74, 14.26, -42.88
CIE LCh	43, 45.187, 288.393
Yxy	12.9838, 0.2130, 0.1901
Android (android.graphics.Color)	4283064748 (0xFF4A61AC)
YUV	98.6730, 36.1502, -21.6382
Hunter-Lab	36.0330, 8.9957, -41.8600

Details

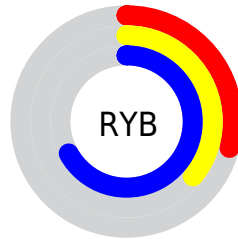
The Hex color **4A61AC** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AC954A**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **8293E4**, and **003377** is the 20% darker color. If you saturate the color by 10%, you get **3954AC**, and if you desaturate by 10%, it is **5B6EAC**.

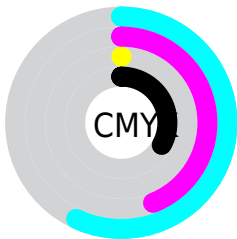
Distribution



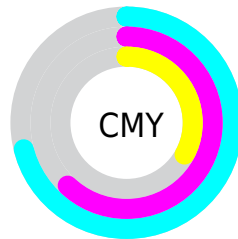
- Red (29%)
- Green (38%)
- Blue (67%)



- Red (29%)
- Yellow (36%)
- Blue (67%)



- Cyan (57%)
- Magenta (44%)
- Yellow (0%)
- Black (33%)



- Cyan (71%)
- Magenta (62%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A61AC 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 4A61AC by changing the saturation by 10% instead.

■ 4A61AC

■ 4A61AC

FFFFFF

■ 2C4991

■ 8293E4

■ 003377

■ 9EAEFF

■ 001F5E

■ BAC9FF

■ 000646

■ D7E5FF

■ 00042F

■ F4FFFF

■ 000119

■ 000000

■ 4A61AC

■ 4A61AC

■ 3954AC

■ 5B6EAC

■ 2847AC

■ 6C7BAC

■ 163AAC

■ 7E88AC

■ 052CAC

■ 8F96AC

■ 0028AC

■ A0A3AC

■ B1B0AC

■ C2BDAC

■ D4CAAC

■ E5D7AC

Harmonies

Analogous

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



006DAE



4A61AC



845197

Triad

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



4A61AC



9D4F2E



007655

Complementary

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



4A61AC



AC954A

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.



357230



4A61AC



845E16

Square

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



4A61AC



A94350



626A16



00777B

Rectangle

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



4A61AC



9A4781



626A16



007548

Sweetspot

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



4A61AC



BAC3E0



4AAC94



5A5F70



F0F0F0



707070

Same Dimension

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



4A61AC



486CE0



634AAC



4E5057



002396



000517

Inverse Universe

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



AC4A61



E0486C



94AC4A



574E50



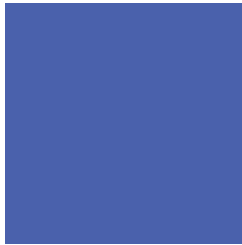
960023



170005

Previews

White Background



This preview shows how the Hex color 4A61AC looks on a white background.

Color Contrast Check

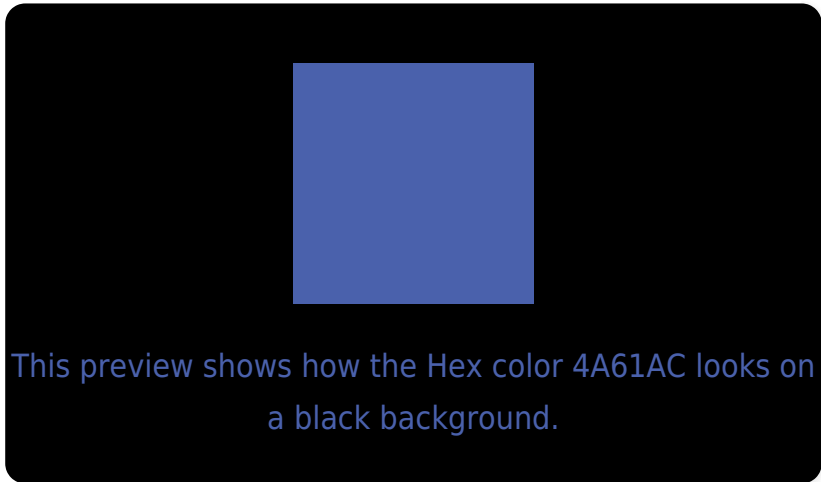
Large Text (above 18pt) WCAG AA ✓ Pass

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

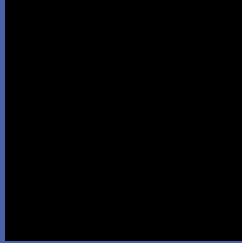
Any Text WCAG AA × Fail

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 4A61AC Background



This preview shows how black text looks on a background with the Hex color 4A61AC.



This preview shows how white text looks on a background with the Hex color 4A61AC.

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
4A61AC

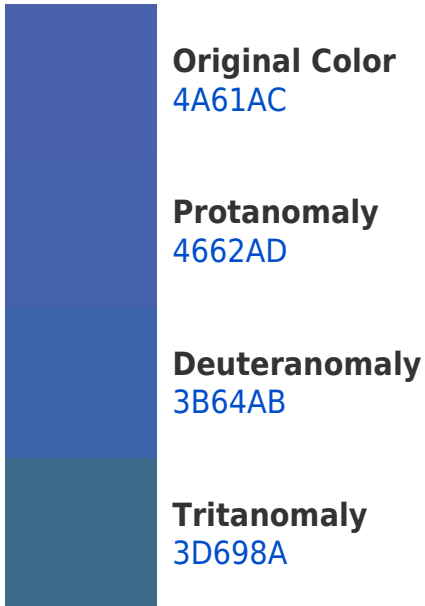
Protanopia
4462AD

Deuteranopia
3266AB

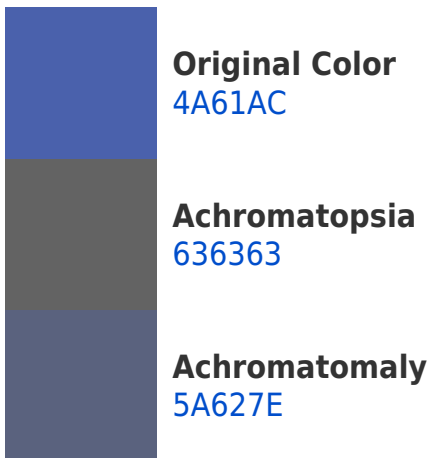


Tritanopia
356D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A61AC 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 #4A61AC looks like.

```
.text, #text, p{  
    color:#4A61AC  
}
```

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 #4A61AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A61AC
}
```

Border

The CSS property to change the border of an element to Hex 4A61AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

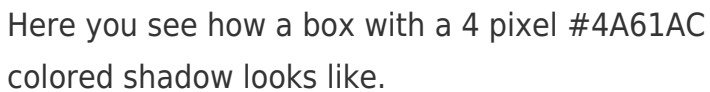
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A61AC }
```

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

```
.border{ border-color:#4A61AC }
```

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



Here you see how a box with a 4 pixel #4A61AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A61AC; -webkit-box-shadow:4px 4px  
4px 4px #4A61AC; box-shadow:4px 4px 4px  
4px #4A61AC }
```

Background

The CSS property to change the background color of an element to Hex 4A61AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A61AC }
```

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

```
.background{ background-color:#4A61AC }
```

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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