

Converting Colors

Hex(6A74AB)

Have a look what the booklet for
Hex(6A74AB) contains.

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Color

Hex(6A74AB)

Conversions

Conversions Part 1

Format	Color
Hex	6A74AB
RGB	106, 116, 171
RGB Percent	42%, 45%, 67%
CMY	0.5843, 0.5451, 0.3294
CMYK	0.38, 0.32, 0.00, 0.33
HSL	231°, 28%, 54%
HSV	231°, 38%, 67%
XYZ	19.5399, 18.4952, 41.0681
YIQ	119.2800, -23.6150, 14.9850

Conversions

Conversions Part 2

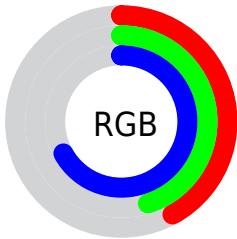
Format	Color
R_{YB}	106, 115, 171
Decimal	6976683
CIE _{Lab}	50.09, 10.22, -30.55
CIE _{LCh}	50, 32.217, 288.496
Yxy	18.4952, 0.2470, 0.2338
Android (android.graphics.Color)	4285166763 (0xFF6A74AB)
YUV	119.2800, 25.4980, -11.6466
Hunter-Lab	43.0061, 5.8413, -26.5140

Details

The Hex color **6A74AB** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **ABA16A**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **9FA8E3**, and **374476** is the 20% darker color. If you saturate the color by 10%, you get **5966AB**, and if you desaturate by 10%, it is **7B82AB**.

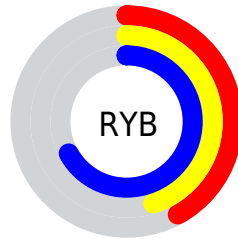
Distribution



Red (42%)

Green (45%)

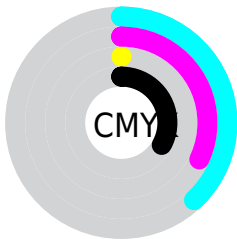
Blue (67%)



Red (42%)

Yellow (45%)

Blue (67%)

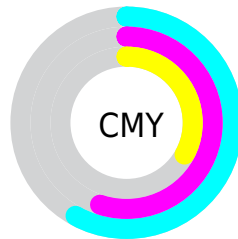


Cyan (38%)

Magenta (32%)

Yellow (0%)

Black (33%)



Cyan (58%)

Magenta (55%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A74AB 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 6A74AB by changing the saturation by 10% instead.

■ 6A74AB

■ 6A74AB

FFFFFF

■ 505C90

■ 9FA8E3

■ 374476

■ BBC3FF

■ 1C2E5D

■ D7DFFF

■ 001A46

■ F4BFFF

■ 00002F

■ 000119

■ 000000

■ 6A74AB

■ 6A74AB

■ 5966AB

■ 7B82AB

■ 4857AB

■ 8C91AB

■ 3749AB

■ 9D9FAB

■ 263AAB

■ AEAEAB

■ 142CAB

■ BFBCAB

■ 031DAB

■ D1CBAB

■ 001AAB

■ E2D9AB

■ F3E8AB

■ FFF6AB

Harmonies

Analogous

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



377DAC



6A74AB



8F6A9C

Triad

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



6A74AB



A5684F



32856B

Complementary

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



6A74AB



ABA16A

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.



588152



6A74AB



927241

Square

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



6A74AB



AC6267



787B42



008688

Rectangle

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



6A74AB



A0648C



787B42



408462

Sweetspot

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



6A74AB



C5C9DE



6AABA0



626470



F0F0F0



707070

Same Dimension

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



6A74AB



7887DE



806AAB



4E4F57



001796



000417

Inverse Universe

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



AB6A74



DE7887



95AB6A



574E4F



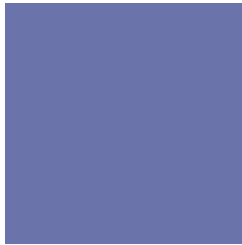
960017



170004

Previews

White Background



This preview shows how the Hex color 6A74AB looks on a white background.

Color Contrast Check

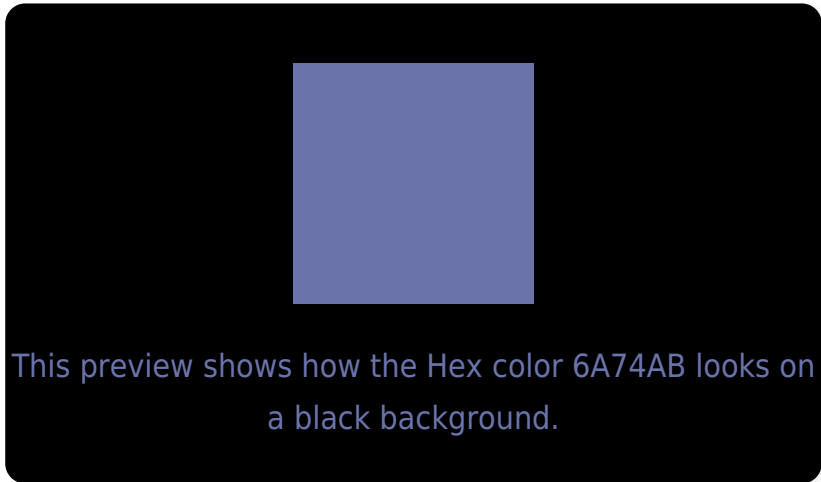
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

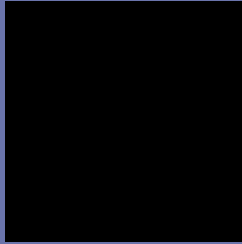
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 6A74AB Background



This preview shows how black text looks on a background with the Hex color 6A74AB.



This preview shows how white text looks on a background with the Hex color 6A74AB.

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
6A74AB

Protanopia
6575AC

Deuteranopia
6376AB



Tritanopia
617B85

Trichromacy



Original Color
6A74AB

Protanomaly
6775AC

Deuteranomaly
6675AB

Tritanomaly
647893

Monochromacy



Original Color
6A74AB

Achromatopsia
777777

Achromatomaly
72768A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A74AB 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 #6A74AB looks like.

```
.text, #text, p{  
    color:#6A74AB  
}
```

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 #6A74AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A74AB
}
```

Border

The CSS property to change the border of an element to Hex 6A74AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

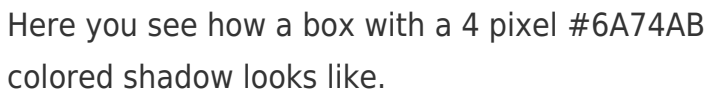
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A74AB }
```

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

```
.border{ border-color:#6A74AB }
```

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



Here you see how a box with a 4 pixel #6A74AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A74AB; -webkit-box-shadow:4px 4px  
4px 4px #6A74AB; box-shadow:4px 4px 4px  
4px #6A74AB }
```

Background

The CSS property to change the background color of an element to Hex 6A74AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A74AB }
```

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

```
.background{ background-color:#6A74AB }
```

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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