

Converting Colors

Hex(6A7CAB)

Have a look what the booklet for
Hex(6A7CAB) contains.

Hex(6A7CAB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6A7CAB)

Conversions

Conversions Part 1

Format	Color
Hex	6A7CAB
RGB	106, 124, 171
RGB Percent	42%, 49%, 67%
CMY	0.5843, 0.5137, 0.3294
CMYK	0.38, 0.27, 0.00, 0.33
HSL	223°, 28%, 54%
HSV	223°, 38%, 67%
XYZ	20.5022, 20.4197, 41.3889
YIQ	123.9760, -25.8150, 10.8010

Conversions

Conversions Part 2

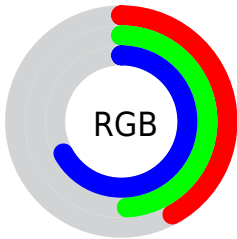
Format	Color
RYB	106, 120, 171
Decimal	6978731
CIELab	52.31, 5.43, -27.11
CIELCh	52, 27.644, 281.329
Yxy	20.4197, 0.2491, 0.2481
Android (android.graphics.Color)	4285168811 (0xFF6A7CAB)
YUV	123.9760, 23.1828, -15.7650
Hunter-Lab	45.1882, 1.9073, -22.6733

Details

The Hex color **6A7CAB** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AB996A**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **9FB0E3**, and **374B77** is the 20% darker color. If you saturate the color by 10%, you get **5970AB**, and if you desaturate by 10%, it is **7B88AB**.

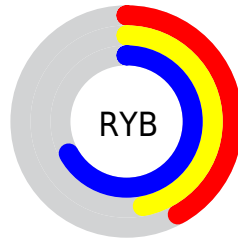
Distribution



Red (42%)

Green (49%)

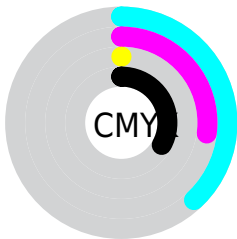
Blue (67%)



Red (42%)

Yellow (47%)

Blue (67%)

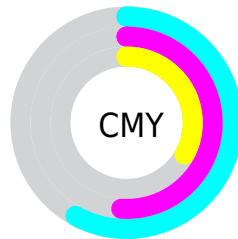


Cyan (38%)

Magenta (27%)

Yellow (0%)

Black (33%)



Cyan (58%)

Magenta (51%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A7CAB 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 6A7CAB by changing the saturation by 10% instead.

■ 6A7CAB

■ 6A7CAB

FFFFFF

■ 506390

■ 9FB0E3

■ 374B77

■ BBCCFF

■ 1D355E

■ D7E8FF

■ 002046

■ F4FFFF

■ 00082F

■ 00011A

■ 000000

■ 6A7CAB

■ 6A7CAB

■ 5970AB

■ 7B88AB

■ 4863AB

■ 8C95AB

■ 3757AB

■ 9DA1AB

■ 264BAB

■ AEADAB

■ 143EAB

■ BFBAAB

■ 0332AB

■ D1C6AB

■ 002FAB

■ E2D3AB

■ F3DFAB

■ FFEBAB

Harmonies

Analogous

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



4483A9



6A7CAB



8B73A0

Triad

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



6A7CAB



A86F5F



4D886D

Complementary

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



6A7CAB



AB996A

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.



6A8558



6A7CAB



9A7650

Square

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



6A7CAB



AB6B75



847E4E



308A85

Rectangle

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



6A7CAB



9C6E94



847E4E



578765

Sweetspot

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



6A7CAB



C5CCDE



6AAB99



626670



F0F0F0



707070

Same Dimension

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



6A7CAB



7894DE



786AAB



4E5057



002A96



000617

Inverse Universe

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



AB6A7C



DE7894



9DAB6A



574E50



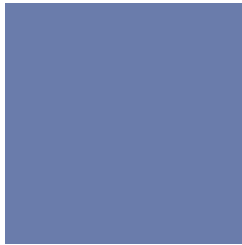
96002A



170006

Previews

White Background



This preview shows how the Hex color 6A7CAB looks on a white background.

Color Contrast Check

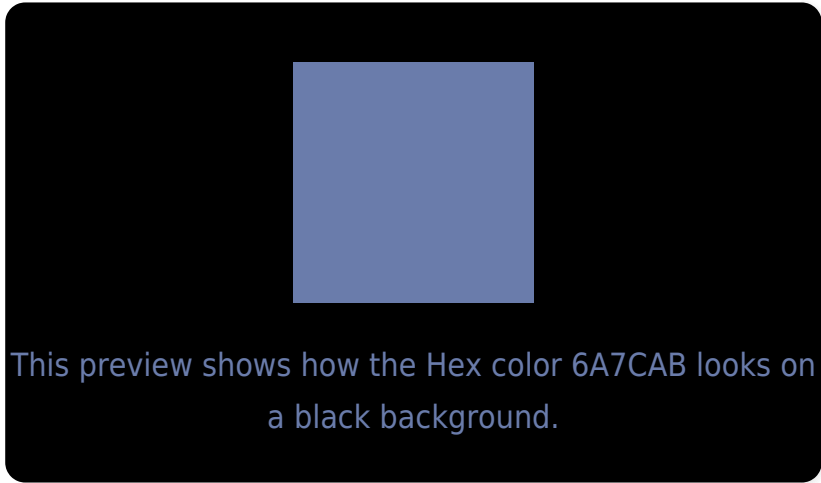
Large Text (above 18pt) WCAG AA ✓ Pass

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

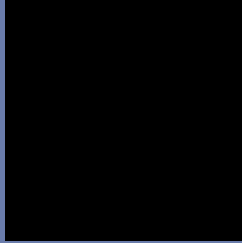
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

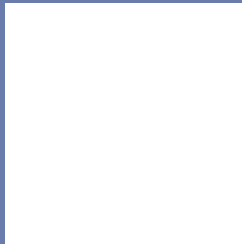
Any Text WCAG AAA × Fail

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

Hex 6A7CAB Background



This preview shows how black text looks on a background with the Hex color 6A7CAB.

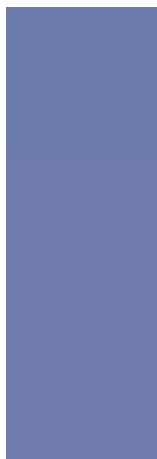


This preview shows how white text looks on a background with the Hex color 6A7CAB.

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
6A7CAB

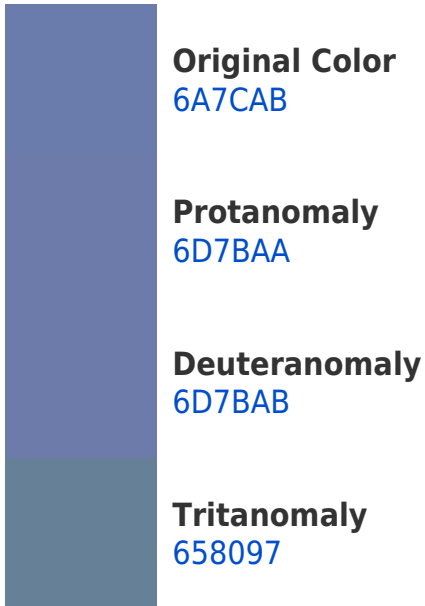
Protanopia
6F7BAA

Deuteranopia
6E7BAB

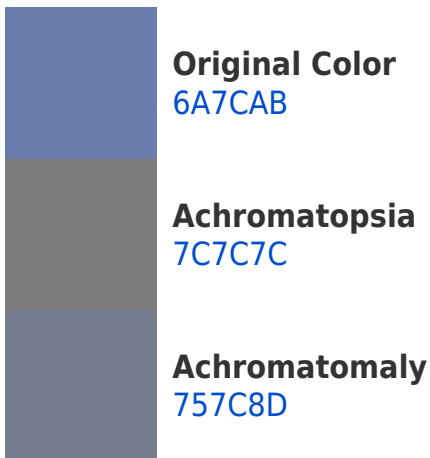


Tritanopia
62828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A7CAB 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 #6A7CAB looks like.

```
.text, #text, p{  
    color:#6A7CAB  
}
```

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 #6A7CAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7CAB
}
```

Border

The CSS property to change the border of an element to Hex 6A7CAB 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
#6A7CAB }
```

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

```
.border{ border-color:#6A7CAB }
```

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

Here you see how a box with a 4 pixel #6A7CAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7CAB; -webkit-box-shadow:4px 4px  
4px 4px #6A7CAB; box-shadow:4px 4px 4px  
4px #6A7CAB }
```

Background

The CSS property to change the background color of an element to Hex 6A7CAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7CAB }
```

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

```
.background{ background-color:#6A7CAB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor