

Converting Colors

Hex(6A8AAC)

Have a look what the booklet for
Hex(6A8AAC) contains.

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Color

Hex(6A8AAC)

Conversions

Conversions Part 1

Format	Color
Hex	6A8AAC
RGB	106, 138, 172
RGB Percent	42%, 54%, 67%
CMY	0.5843, 0.4588, 0.3255
CMYK	0.38, 0.20, 0.00, 0.33
HSL	211°, 28%, 55%
HSV	211°, 38%, 67%
XYZ	22.4787, 24.2197, 42.5198
YIQ	132.3080, -29.9860, 3.7900

Conversions

Conversions Part 2

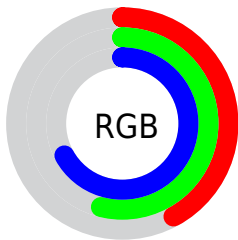
Format	Color
R _{YB}	106, 128, 172
Decimal	6982316
CIE _{Lab}	56.31, -2.46, -21.52
CIE _{LCh}	56, 21.660, 263.472
Y _{xy}	24.2197, 0.2520, 0.2715
Android (android.graphics.Color)	4285172396 (0xFF6A8AAC)
YUV	132.3080, 19.5682, -23.0721
Hunter-Lab	49.2135, -4.5921, -16.7764

Details

The Hex color **6A8AAC** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AC8C6A**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **9FBFE3**, and **375878** is the 20% darker color. If you saturate the color by 10%, you get **5981AC**, and if you desaturate by 10%, it is **7B93AC**.

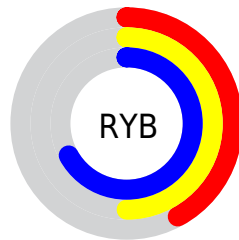
Distribution



Red (42%)

Green (54%)

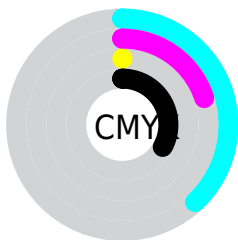
Blue (67%)



Red (42%)

Yellow (50%)

Blue (67%)

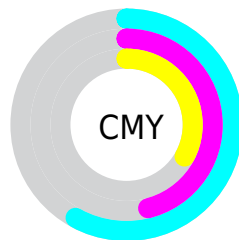


Cyan (38%)

Magenta (20%)

Yellow (0%)

Black (33%)



Cyan (58%)

Magenta (46%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A8AAC 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 6A8AAC by changing the saturation by 10% instead.

■ 6A8AAC

■ 6A8AAC

FFFFFF

■ 507191

■ 9FBFE3

■ 375878

■ BBDBFF

■ 1C415F

■ D7F8FF

■ 002B47

■ F4FFFF

■ 001730

■ 00011B

■ 000000

■ 6A8AAC

■ 6A8AAC

■ 5981AC

■ 7B93AC

■ 4878AC

■ 8C9CAC

■ 366FAC

■ 9EA5AC

■ 2567AC

■ AFADAC

■ 145EAC

■ C0B6AC

■ 0355AC

■ D1BFAC

■ 0053AC

■ E2C8AC

■ F4D1AC

■ FFDAAC

Harmonies

Analogous

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



558FA5



6A8AAC



8484A9

Triad

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



6A8AAC



AD7A79



708F70

Complementary

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



6A8AAC



AC8C6A

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.



858A64



6A8AAC



A77E69

Square

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



6A8AAC



AA7A8C



998462



5B9182

Rectangle

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



6A8AAC



947FA2



998462



778E6B

Sweetspot

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



6A8AAC



C5D3E0



6AAC8B



606870



F0F0F0



707070

Same Dimension

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



6A8AAC



79ABE0



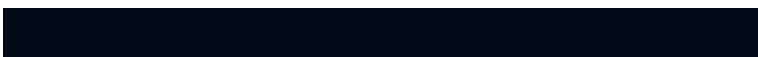
6A6AAC



4E5257



004996



000B17

Inverse Universe

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



AC6A8A



E079AB



ACAC6A



574E52



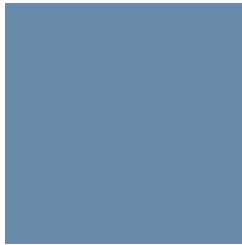
960049



17000B

Previews

White Background



This preview shows how the Hex color 6A8AAC looks on a white background.

Color Contrast Check

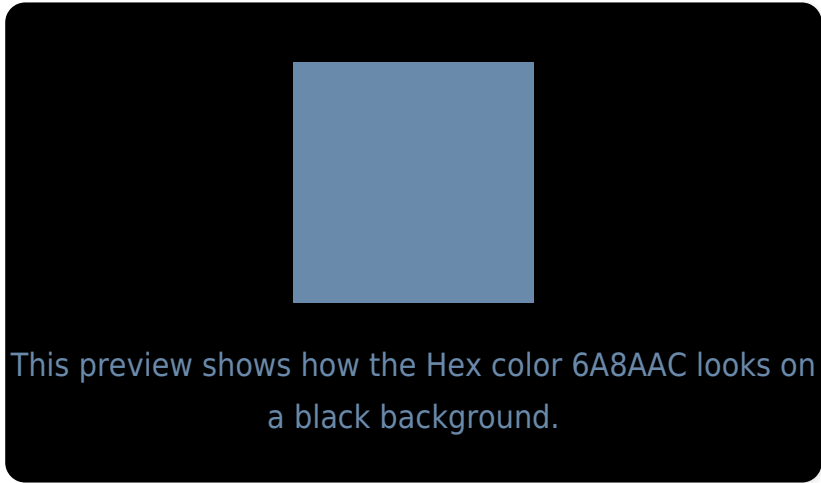
Large Text (above 18pt) WCAG AA ✓ Pass

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

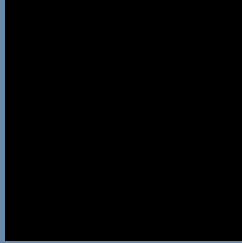
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

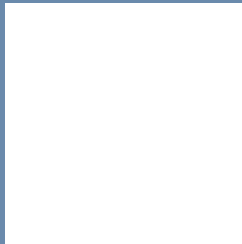
Any Text WCAG AAA × Fail

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

Hex 6A8AAC Background



This preview shows how black text looks on a background with the Hex color 6A8AAC.

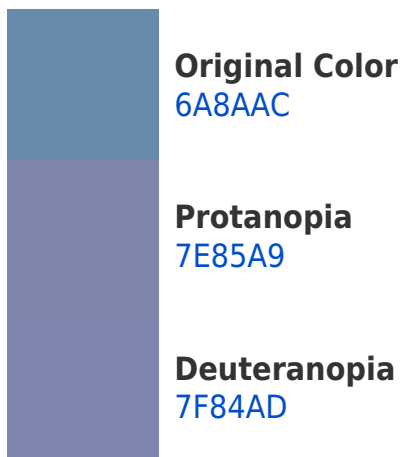


This preview shows how white text looks on a background with the Hex color 6A8AAC.

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](#).

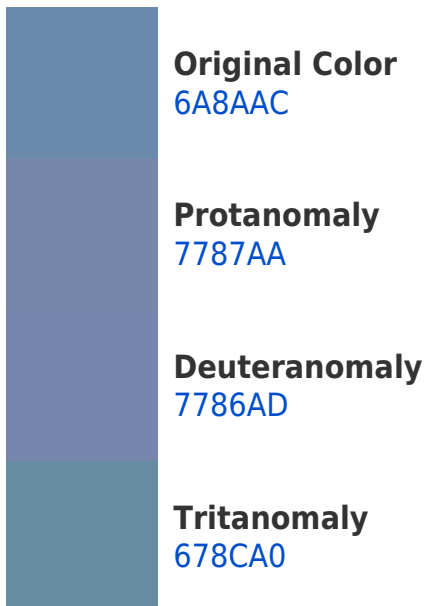
Dichromacy



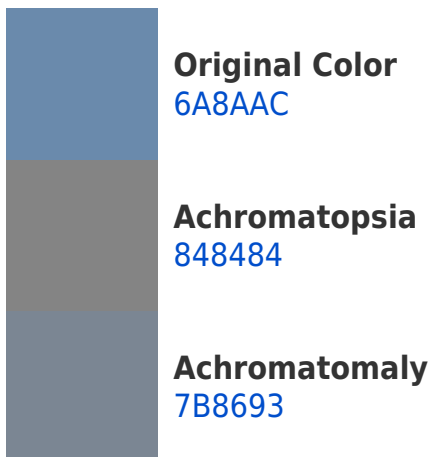


Tritanopia
658D99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A8AAC 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 #6A8AAC looks like.

```
.text, #text, p{  
    color:#6A8AAC  
}
```

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 #6A8AAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A8AAC
}
```

Border

The CSS property to change the border of an element to Hex 6A8AAC 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
#6A8AAC }
```

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

```
.border{ border-color:#6A8AAC }
```

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

Here you see how a box with a 4 pixel #6A8AAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A8AAC; -webkit-box-shadow:4px 4px  
4px 4px #6A8AAC; box-shadow:4px 4px 4px  
4px #6A8AAC }
```

Background

The CSS property to change the background color of an element to Hex 6A8AAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A8AAC }
```

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

```
.background{ background-color:#6A8AAC }
```

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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