

# Converting Colors

Hex(6B94AA)

Have a look what the booklet for  
Hex(6B94AA) contains.

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# Color

**Hex(6B94AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B94AA
RGB	107, 148, 170
RGB Percent	42%, 58%, 67%
CMY	0.5804, 0.4196, 0.3333
CMYK	0.37, 0.13, 0.00, 0.33
HSL	201°, 27%, 54%
HSV	201°, 37%, 67%
XYZ	23.9090, 27.2079, 42.0217
YIQ	138.2490, -31.4980, -1.8500

# Conversions

## Conversions Part 2

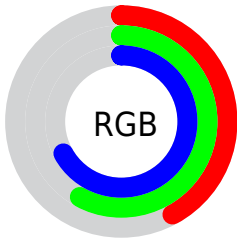
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 132, 170
Decimal	7050410
CIELab	59.17, -8.36, -16.02
CIElCh	59, 18.068, 242.429
Yxy	27.2079, 0.2567, 0.2921
Android (android.graphics.Color)	4285240490 (0xFF6B94AA)
YUV	138.2490, 15.6532, -27.4054
Hunter-Lab	52.1612, -9.4634, -11.2520

# Details

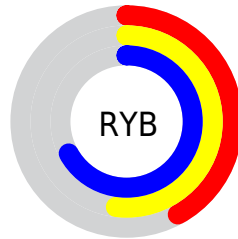
The Hex color **6B94AA** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AA816B**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **A0CAE1**, and **386176** is the 20% darker color. If you saturate the color by 10%, you get **5A8EAA**, and if you desaturate by 10%, it is **7C9AAA**.

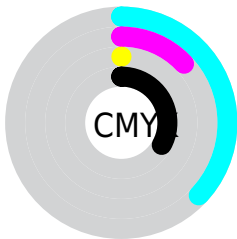
# Distribution



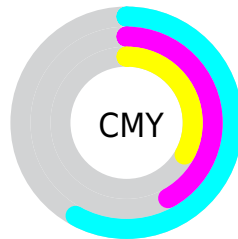
- Red (42%)
- Green (58%)
- Blue (67%)



- Red (42%)
- Yellow (52%)
- Blue (67%)



- Cyan (37%)
- Magenta (13%)
- Yellow (0%)
- Black (33%)



- Cyan (58%)
- Magenta (42%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B94AA 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 6B94AA by changing the saturation by 10% instead.



■ 6B94AA

■ 6B94AA

FFFFFF

■ 517A8F

■ A0CAE1

■ 386176

■ BCE6FE

■ 1D4A5D

■ D8FFFF

■ 003345

■ F5FFFF

■ 001E2F

■ 00011B

■ 000000

■ 6B94AA

■ 6B94AA

■ 5A8EAA

■ 7C9AAA

4988AA

8DA0AA

3882AA

9EA6AA

277CAA

AFACAA

1676AA

C0B2AA

0570AA

D1B8AA

006FAA

E2BEAA

F3C3AA

FFC9AA

# Harmonies

## Analogous

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



63979F



6B94AA



7E8FAE

# Triad

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



6B94AA



AE838E



889373

# Complementary

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



6B94AA



AA816B

# 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.



998E6F



6B94AA



AF847E

# Square

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



6B94AA



A4859D



A78873



76967F

# Rectangle

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



6B94AA



8C8CAC



A78873



8E9171



# Sweetspot

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



6B94AA



C5D5DE



6BAA80



626B70



F0F0F0



707070



# Same Dimension

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



6B94AA



7CBCDE



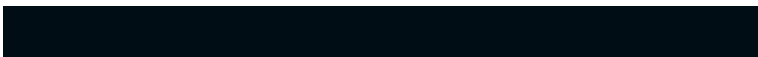
6B76AA



4C5154



006094



000D14



# Inverse Universe

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



AA6B94



DE7CBC



AA9F6B



544C51



940060



14000D



# Previews

## White Background



This preview shows how the Hex color 6B94AA looks on a white background.

## Color Contrast Check

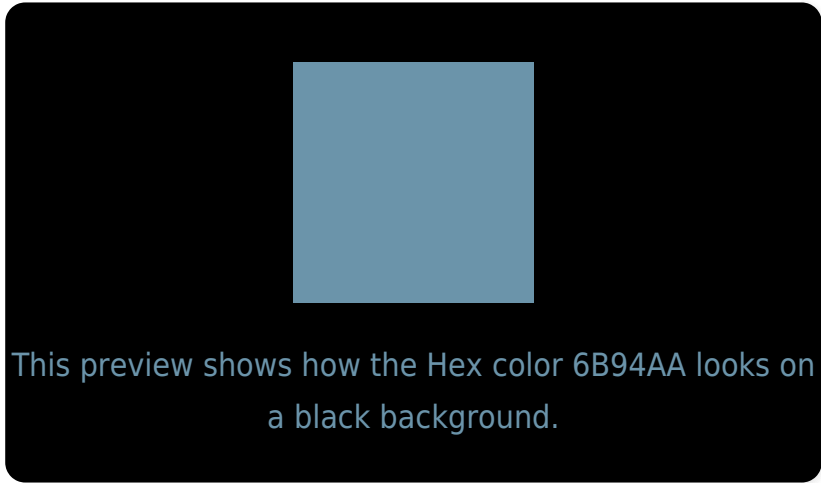
Large Text (above 18pt) WCAG AA ✓ Pass

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

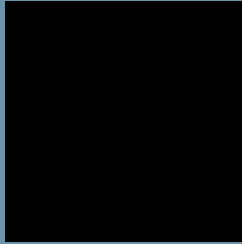
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6B94AA Background



This preview shows how black text looks on a background with the Hex color 6B94AA.

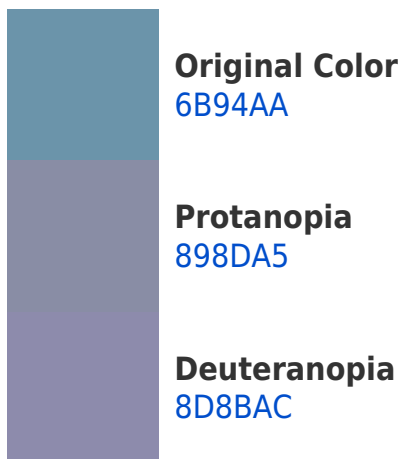


This preview shows how white text looks on a background with the Hex color 6B94AA.

# 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](#).

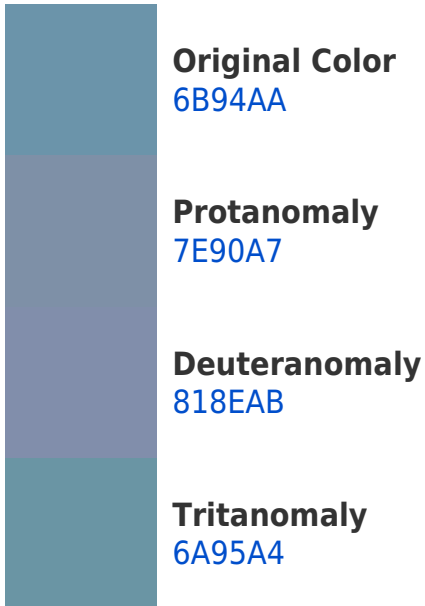
## Dichromacy



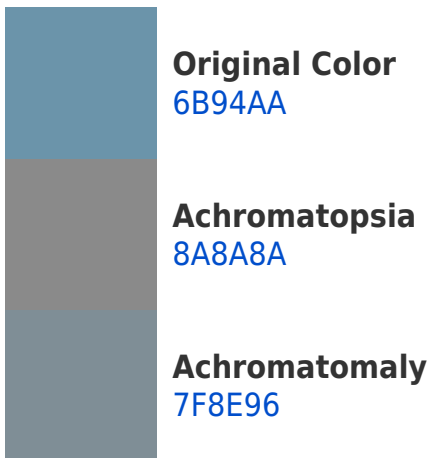


**Tritanopia**  
6995A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B94AA 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 #6B94AA looks like.

```
.text, #text, p{  
    color:#6B94AA  
}
```

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 #6B94AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B94AA
}
```

## Border

The CSS property to change the border of an element to Hex 6B94AA 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
#6B94AA }
```

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

```
.border{ border-color:#6B94AA }
```

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

Here you see how a box with a 4 pixel #6B94AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B94AA; -webkit-box-shadow:4px 4px  
4px 4px #6B94AA; box-shadow:4px 4px 4px  
4px #6B94AA }
```

# Background

The CSS property to change the background color of an element to Hex 6B94AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B94AA }
```

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

```
.background{ background-color:#6B94AA }
```

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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