

# Converting Colors

Hex(6B8DA3)

Have a look what the booklet for  
Hex(6B8DA3) contains.

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# Color

**Hex(6B8DA3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B8DA3
RGB	107, 141, 163
RGB Percent	42%, 55%, 64%
CMY	0.5804, 0.4471, 0.3608
CMYK	0.34, 0.13, 0.00, 0.36
HSL	204°, 23%, 53%
HSV	204°, 34%, 64%
XYZ	22.1991, 24.8199, 38.2710
YIQ	133.3420, -27.3260, -0.3660

# Conversions

## Conversions Part 2

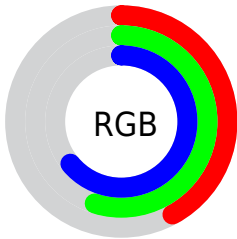
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 128, 163
Decimal	7048611
CIELab	56.90, -6.30, -15.46
CIELCh	57, 16.692, 247.814
Yxy	24.8199, 0.2603, 0.2910
Android (android.graphics.Color)	4285238691 (0xFF6B8DA3)
YUV	133.3420, 14.6214, -23.1019
Hunter-Lab	49.8196, -7.6463, -10.6724

# Details

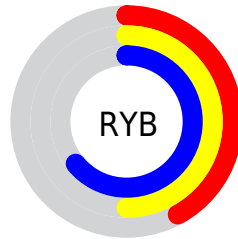
The Hex color **6B8DA3** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A3816B**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **A0C3DA**, and **395B6F** is the 20% darker color. If you saturate the color by 10%, you get **5B87A3**, and if you desaturate by 10%, it is **7B93A3**.

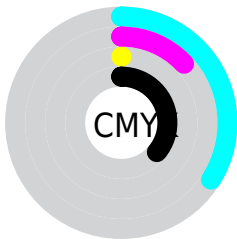
# Distribution



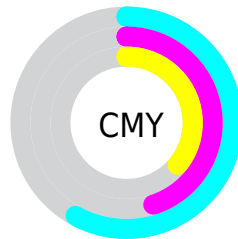
- Red (42%)
- Green (55%)
- Blue (64%)



- Red (42%)
- Yellow (50%)
- Blue (64%)



- Cyan (34%)
- Magenta (13%)
- Yellow (0%)
- Black (36%)



- Cyan (58%)
- Magenta (45%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B8DA3 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 6B8DA3 by changing the saturation by 10% instead.





6B8DA3



6B8DA3

FFFFFF



527389



A0C3DA



395B6F



BBDEF6



204357



D8FBFF



022D40



F4FFFF



001929



000115



000000



6B8DA3



6B8DA3



5B87A3



7B93A3

■ 4A80A3

■ 8C9AA3

■ 3A7AA3

■ 9CA0A3

■ 2A73A3

■ ACA7A3

■ 1A6DA3

■ BCADA3

■ 0967A3

■ CDB3A3

■ 0063A3

■ DDBAA3

■ EDC0A3

■ FEC7A3

# Harmonies

## Analogous

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



61909A



6B8DA3



7D89A5

# Triad

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



6B8DA3



A67E85



7F8D71

# Complementary

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



6B8DA3



A3816B

# 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.



90896C



6B8DA3



A68077

# Square

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



6B8DA3



9F8094



9D846E



6F907D

# Rectangle

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



6B8DA3



8A85A2



9D846E



858C6F



# Sweetspot

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



6B8DA3



BECBD4



6BA380



5E666B



EBEBEB



6B6B6B



# Same Dimension

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



6B8DA3



7DB2D4



6B72A3



494E52



005891



000B12



# Inverse Universe

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



A36B8D



D47DB2



A39C6B



52494E



910058



12000B



# Previews

## White Background



This preview shows how the Hex color 6B8DA3 looks on a white background.

## Color Contrast Check

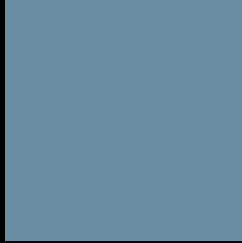
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 6B8DA3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

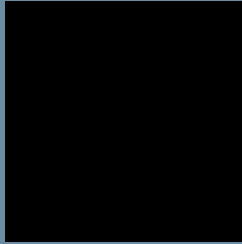
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

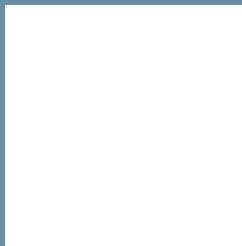
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B8DA3 Background



This preview shows how black text looks on a background with the Hex color 6B8DA3.

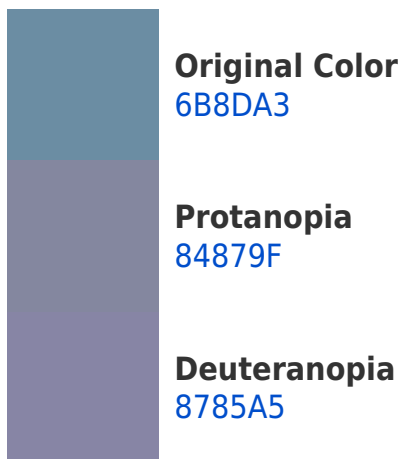


This preview shows how white text looks on a background with the Hex color 6B8DA3.

# 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](#).

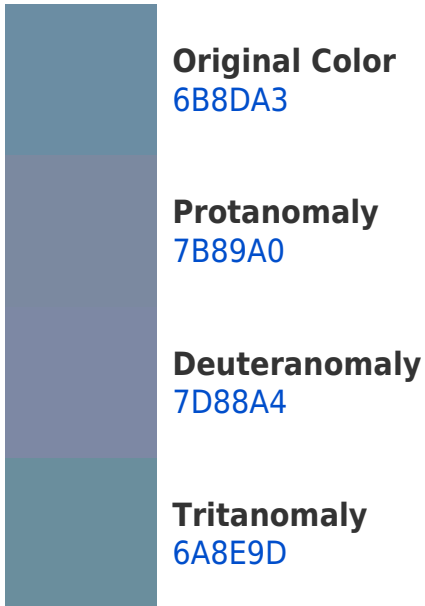
## Dichromacy





**Tritanopia**  
698F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B8DA3 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 #6B8DA3 looks like.

```
.text, #text, p{  
    color:#6B8DA3  
}
```

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 #6B8DA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B8DA3
}
```

## Border

The CSS property to change the border of an element to Hex 6B8DA3 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
#6B8DA3 }
```

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

```
.border{ border-color:#6B8DA3 }
```

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

Here you see how a box with a 4 pixel #6B8DA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B8DA3; -webkit-box-shadow:4px 4px  
4px 4px #6B8DA3; box-shadow:4px 4px 4px  
4px #6B8DA3 }
```

# Background

The CSS property to change the background color of an element to Hex 6B8DA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B8DA3 }
```

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

```
.background{ background-color:#6B8DA3 }
```

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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