

# Converting Colors

Hex(6C9DB1)

Have a look what the booklet for  
Hex(6C9DB1) contains.

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# **Color**

**Hex(6C9DB1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6C9DB1
RGB	108, 157, 177
RGB Percent	42%, 62%, 69%
CMY	0.5765, 0.3843, 0.3059
CMYK	0.39, 0.11, 0.00, 0.31
HSL	197°, 31%, 56%
HSV	197°, 39%, 69%
XYZ	26.1771, 30.4764, 46.0978
YIQ	144.6290, -35.6240, -4.1680

# Conversions

## Conversions Part 2

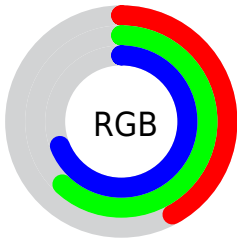
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 137, 177
Decimal	7118257
CIELab	62.06, -11.17, -15.59
CIELCh	62, 19.174, 234.374
Yxy	30.4764, 0.2548, 0.2966
Android (android.graphics.Color)	4285308337 (0xFF6C9DB1)
YUV	144.6290, 15.9589, -32.1236
Hunter-Lab	55.2054, -11.9690, -10.8647

# Details

The Hex color **6C9DB1** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **B1806C**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **A2D4E9**, and **386A7C** is the 20% darker color. If you saturate the color by 10%, you get **5A98B1**, and if you desaturate by 10%, it is **7EA2B1**.

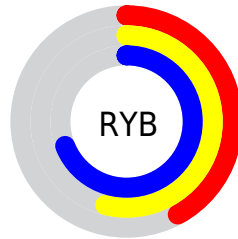
# Distribution



Red (42%)

Green (62%)

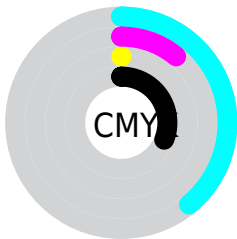
Blue (69%)



Red (42%)

Yellow (54%)

Blue (69%)

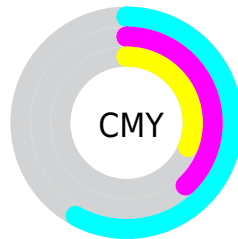


Cyan (39%)

Magenta (11%)

Yellow (0%)

Black (31%)



Cyan (58%)

Magenta (38%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C9DB1 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 6C9DB1 by changing the saturation by 10% instead.



 6C9DB1

 6C9DB1

FFFFFF

 528396

 A2D4E9

 386A7C

 BEF0FF

 1C5263

 DAFFFF


 003A4C

 F7FFFF

 002535

 000F20

 000005

 000000

 6C9DB1

 6C9DB1

■ 5A98B1

■ 7EA2B1

■ 4993B1

■ 8FA7B1

■ 378EB1

■ A1ACB1

■ 2588B1

■ B3B2B1

■ 1383B1

■ C4B7B1

■ 027EB1

■ D6BCB1

■ 007EB1

■ E8C1B1

■ FAC6B1

■ FFCBB1

# Harmonies

## Analogous

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



679FA3



6C9DB1



7E98B7

# Triad

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



6C9DB1



B68A9A



949977

# Complementary

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



6C9DB1



B1806C

# 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.



A69474



6C9DB1



B98B89

# Square

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



6C9DB1



A98DAA



B38E7B



819D82

# Rectangle

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



6C9DB1



8D95B7



B38E7B



9A9775



# Sweetspot

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



6C9DB1



CADEE6



6CB180



636E73



F2F2F2



737373



# Same Dimension

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



6C9DB1



7AC6E6



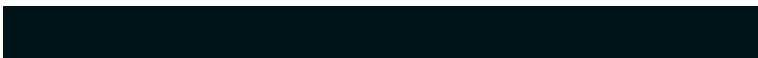
6C7BB1



505759



006D99



00121A



# Inverse Universe

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



B16C9D



E67AC6



B1A26C



595057



99006D



1A0012



# Previews

## White Background



This preview shows how the Hex color 6C9DB1 looks on a white background.

## Color Contrast Check

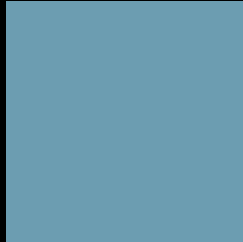
Large Text (above 18pt) WCAG AA × Fail

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 6C9DB1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

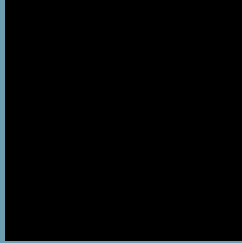
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6C9DB1 Background



This preview shows how black text looks on a background with the Hex color 6C9DB1.

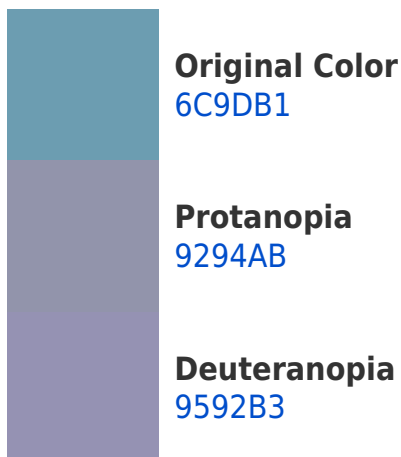


This preview shows how white text looks on a background with the Hex color 6C9DB1.

# 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](#).

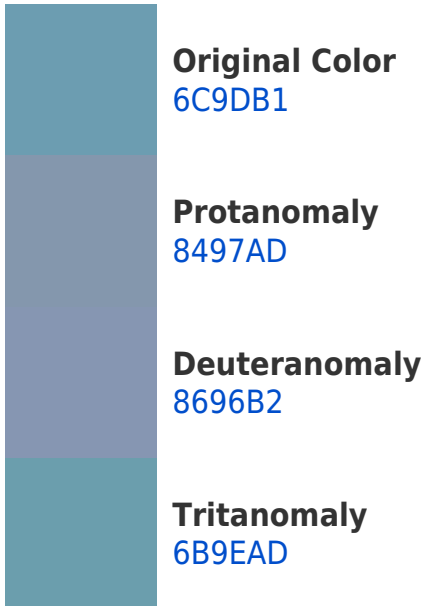
## Dichromacy



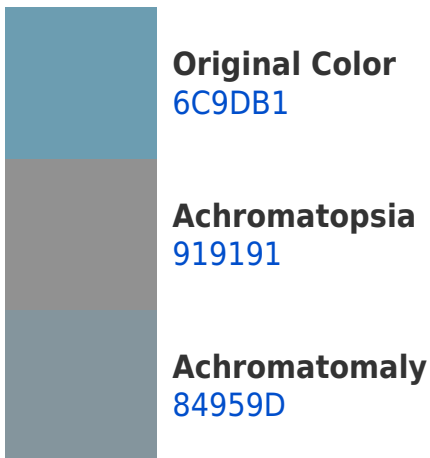


**Tritanopia**  
6A9EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C9DB1 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 #6C9DB1 looks like.

```
.text, #text, p{  
    color:#6C9DB1  
}
```

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 #6C9DB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C9DB1
}
```

## Border

The CSS property to change the border of an element to Hex 6C9DB1 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
#6C9DB1 }
```

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

```
.border{ border-color:#6C9DB1 }
```

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

Here you see how a box with a 4 pixel #6C9DB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C9DB1; -webkit-box-shadow:4px 4px  
4px 4px #6C9DB1; box-shadow:4px 4px 4px  
4px #6C9DB1 }
```

# Background

The CSS property to change the background color of an element to Hex 6C9DB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C9DB1 }
```

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

```
.background{ background-color:#6C9DB1 }
```

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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