

# Converting Colors

Hex(6C9BB9)

Have a look what the booklet for  
Hex(6C9BB9) contains.

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# **Color**

**Hex(6C9BB9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6C9BB9
RGB	108, 155, 185
RGB Percent	42%, 61%, 73%
CMY	0.5765, 0.3922, 0.2745
CMYK	0.42, 0.16, 0.00, 0.27
HSL	203°, 35%, 57%
HSV	203°, 42%, 73%
XYZ	26.6626, 30.1336, 50.3100
YIQ	144.3670, -37.6420, -0.6340

# Conversions

## Conversions Part 2

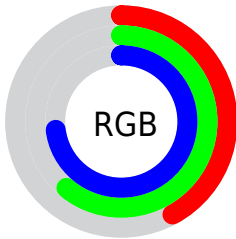
Format	Color
R <sub>Y</sub> B	108, 137, 185
Decimal	7117753
CIE Lab	61.77, -7.90, -20.53
CIE LCh	62, 22.002, 248.948
Yxy	30.1336, 0.2489, 0.2813
Android (android.graphics.Color)	4285307833 (0xFF6C9BB9)
YUV	144.3670, 20.0321, -31.8939
Hunter-Lab	54.8941, -9.3653, -15.9130

# Details

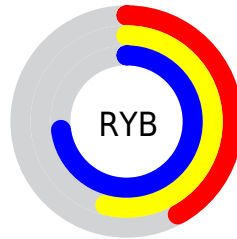
The Hex color **6C9BB9** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B98A6C**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **A2D1F1**, and **376884** is the 20% darker color. If you saturate the color by 10%, you get **5A94B9**, and if you desaturate by 10%, it is **7FA2B9**.

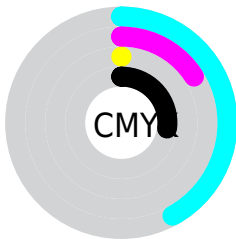
# Distribution



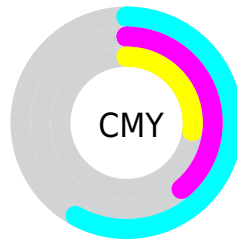
- Red (42%)
- Green (61%)
- Blue (73%)



- Red (42%)
- Yellow (54%)
- Blue (73%)



- Cyan (42%)
- Magenta (16%)
- Yellow (0%)
- Black (27%)



- Cyan (58%)
- Magenta (39%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C9BB9 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 6C9BB9 by changing the saturation by 10% instead.





6C9BB9



6C9BB9

FFFFFF



51819E



A2D1F1



376884



BEEEFF



19506B



DBFFFF



003952



F8FFFF



00243B



000E25



00010F



000000



6C9BB9



6C9BB9

■ 5A94B9

■ 7FA2B9

■ 478DB9

■ 91A9B9

■ 3585B9

■ A3B1B9

■ 227EB9

■ B6B8B9

■ 1077B9

■ C9BFB9

■ 0071B9

■ DBC6B9

■ EDCDB9

■ FFD5B9

■ FFDCB9

# Harmonies

## Analogous

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



5D9FAD



6C9BB9



8695BB

# Triad

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



6C9BB9



BD8790



889B77

# Complementary

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



6C9BB9



B98A6C

# 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.



9E966F



6C9BB9



BB8A7E

# Square

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



6C9BB9



B389A4



B08F71



729F87

# Rectangle

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



6C9BB9



9790B7



B08F71



8F9A73



# Sweetspot

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



6C9BB9



D3E4F0



6CB98A



677178



F7F7F7



787878



# Same Dimension

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



6C9BB9



78C1F0



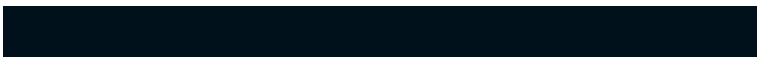
6C75B9



53585C



005F9C



00111C



# Inverse Universe

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



B96C9B



F078C1



B9B06C



5C5358



9C005F



1C0011



# Previews

## White Background



This preview shows how the Hex color 6C9BB9 looks on a white background.

## Color Contrast Check

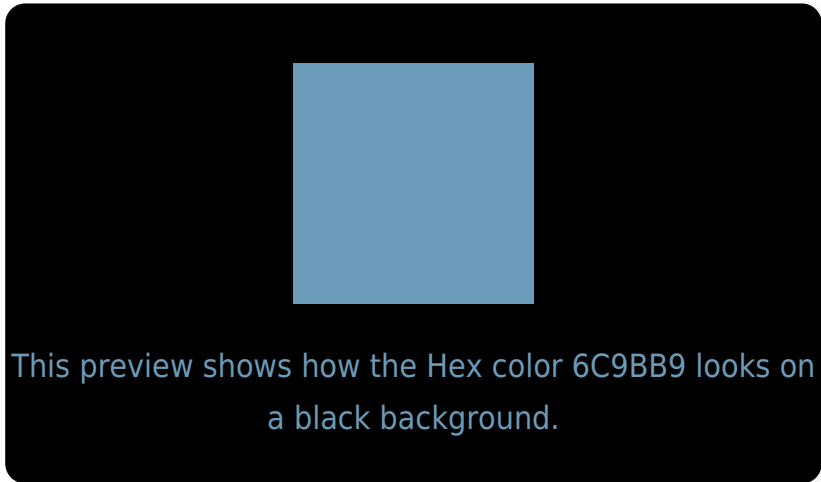
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

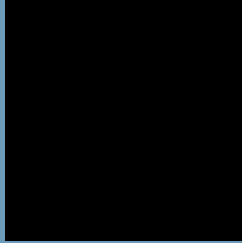
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

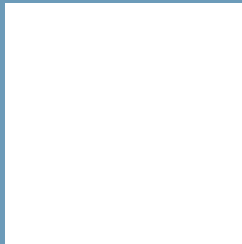
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6C9BB9 Background



This preview shows how black text looks on a background with the Hex color 6C9BB9.



This preview shows how white text looks on a background with the Hex color 6C9BB9.

# Color Blindness Simulation

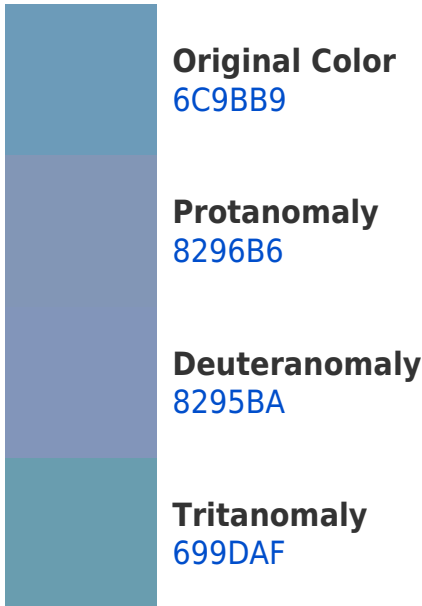
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

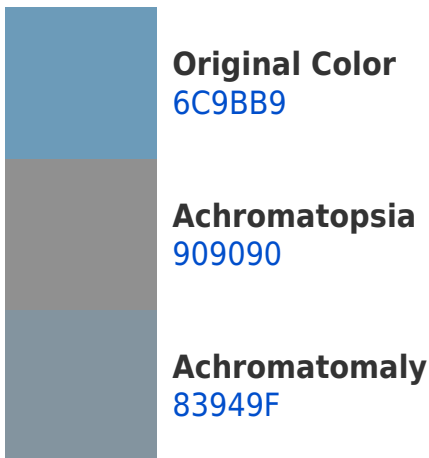




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C9BB9 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 #6C9BB9 looks like.

```
.text, #text, p{  
    color:#6C9BB9  
}
```

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 #6C9BB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C9BB9
}
```

## Border

The CSS property to change the border of an element to Hex 6C9BB9 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
#6C9BB9 }
```

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

```
.border{ border-color:#6C9BB9 }
```

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

Here you see how a box with a 4 pixel #6C9BB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C9BB9; -webkit-box-shadow:4px 4px  
4px 4px #6C9BB9; box-shadow:4px 4px 4px  
4px #6C9BB9 }
```

# Background

The CSS property to change the background color of an element to Hex 6C9BB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C9BB9 }
```

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

```
.background{ background-color:#6C9BB9 }
```

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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