

# Converting Colors

Hex(6B9DB4)

Have a look what the booklet for  
Hex(6B9DB4) contains.

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# **Color**

**Hex(6B9DB4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B9DB4
RGB	107, 157, 180
RGB Percent	42%, 62%, 71%
CMY	0.5804, 0.3843, 0.2941
CMYK	0.41, 0.13, 0.00, 0.29
HSL	199°, 33%, 56%
HSV	199°, 41%, 71%
XYZ	26.3586, 30.5350, 47.6846
YIQ	144.6720, -37.1830, -3.4470

# Conversions

## Conversions Part 2

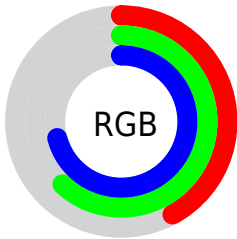
Format	Color
<a href="#">RYB</a>	<a href="#">107, 137, 180</a>
Decimal	<a href="#">7052724</a>
CIELab	<a href="#">62.11, -10.63, -17.20</a>
CIELCh	<a href="#">62, 20.224, 238.277</a>
Yxy	<a href="#">30.5350, 0.2520, 0.2920</a>
Android (android.graphics.Color)	<a href="#">4285242804 (0xFF6B9DB4)</a>
YUV	<a href="#">144.6720, 17.4167, -33.0383</a>
Hunter-Lab	<a href="#">55.2585, -11.5570, -12.4826</a>

# Details

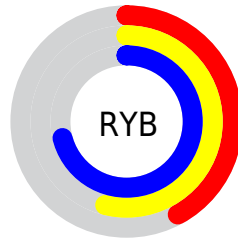
The Hex color **6B9DB4** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **B4826B**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **A1D4EC**, and **366A7F** is the 20% darker color. If you saturate the color by 10%, you get **5997B4**, and if you desaturate by 10%, it is **7DA3B4**.

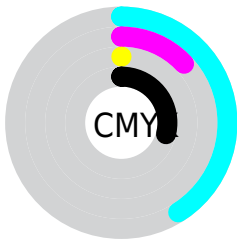
# Distribution



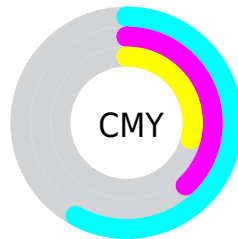
- Red (42%)
- Green (62%)
- Blue (71%)



- Red (42%)
- Yellow (54%)
- Blue (71%)



- Cyan (41%)
- Magenta (13%)
- Yellow (0%)
- Black (29%)



- Cyan (58%)
- Magenta (38%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B9DB4 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 6B9DB4 by changing the saturation by 10% instead.





6B9DB4



6B9DB4

FFFFFF



518399



A1D4EC



366A7F



BDF0FF



195266



DAFFFF



003B4E



F7FFFF



002537



001022



000009



000000



6B9DB4



6B9DB4

■ 5997B4

■ 7DA3B4

■ 4792B4

■ 8FA8B4

■ 358CB4

■ A1AEB4

■ 2386B4

■ B3B4B4

■ 1181B4

■ C5B9B4

■ 007BB4

■ D7BFB4

■ E9C5B4

■ FBCAB4

■ FFD0B4

# Harmonies

## Analogous

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



63A0A6



6B9DB4



7F98BA

# Triad

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



6B9DB4



B98998



919A76

# Complementary

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



6B9DB4



B4826B

# 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.



A59572



6B9DB4



BB8A86

# Square

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



6B9DB4



AC8CA9



B38F78



7D9E83

# Rectangle

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



6B9DB4



9094B8



B38F78



989874



# Sweetspot

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



6B9DB4



CEE2EB



6BB481



657075



F5F5F5



757575



# Same Dimension

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



6B9DB4



78C6EB



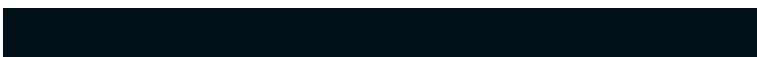
6B7AB4



505659



006999



00111A



# Inverse Universe

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



B46B9D



EB78C6



B4A56B



595056



990069



1A0011



# Previews

## White Background



This preview shows how the Hex color 6B9DB4 looks on a white background.

## Color Contrast Check

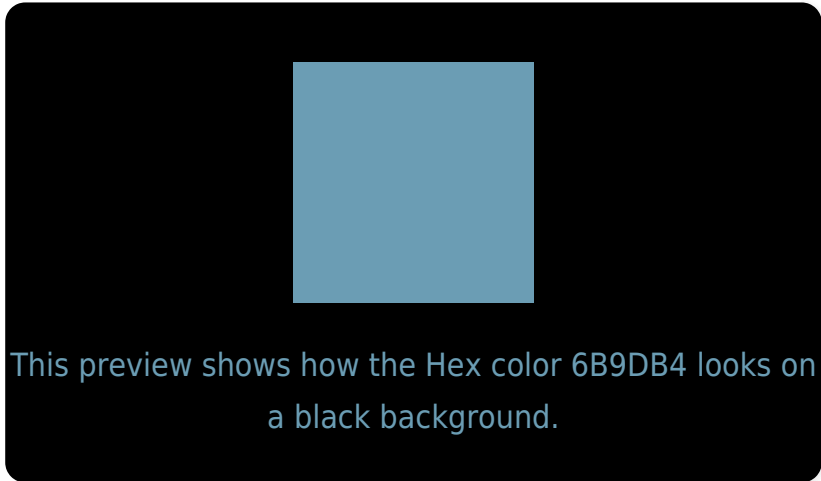
Large Text (above 18pt) WCAG AA × Fail

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

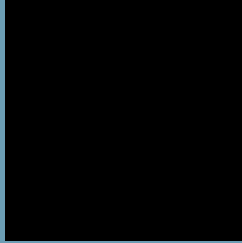
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6B9DB4 Background



This preview shows how black text looks on a background with the Hex color 6B9DB4.

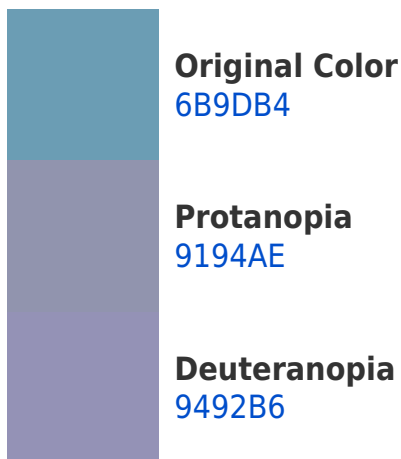


This preview shows how white text looks on a background with the Hex color 6B9DB4.

# 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](#).

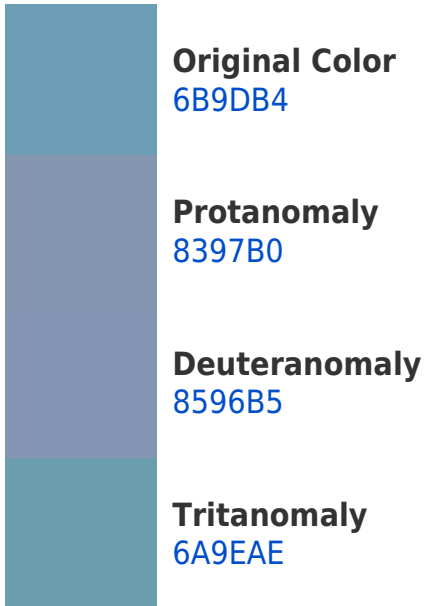
## Dichromacy





**Tritanopia**  
699EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B9DB4 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 #6B9DB4 looks like.

```
.text, #text, p{  
    color:#6B9DB4  
}
```

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 #6B9DB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B9DB4
}
```

## Border

The CSS property to change the border of an element to Hex 6B9DB4 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
#6B9DB4 }
```

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

```
.border{ border-color:#6B9DB4 }
```

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

Here you see how a box with a 4 pixel #6B9DB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B9DB4; -webkit-box-shadow:4px 4px  
4px 4px #6B9DB4; box-shadow:4px 4px 4px  
4px #6B9DB4 }
```

# Background

The CSS property to change the background color of an element to Hex 6B9DB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B9DB4 }
```

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

```
.background{ background-color:#6B9DB4 }
```

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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