

# Converting Colors

Hex(6991B6)

Have a look what the booklet for  
Hex(6991B6) contains.

<b>Hex(6991B6)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(6991B6)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6991B6
RGB	105, 145, 182
RGB Percent	41%, 57%, 71%
CMY	0.5882, 0.4314, 0.2863
CMYK	0.42, 0.20, 0.00, 0.29
HSL	209°, 35%, 56%
HSV	209°, 42%, 71%
XYZ	24.3946, 26.6315, 48.1106
YIQ	137.2580, -35.7170, 3.0270

# Conversions

## Conversions Part 2

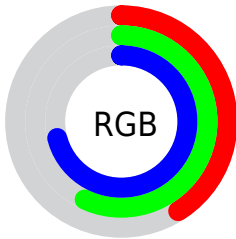
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 131, 182
Decimal	6918582
CIE <sub>Lab</sub>	58.63, -3.94, -23.66
CIE <sub>LCh</sub>	59, 23.982, 260.554
Yxy	26.6315, 0.2461, 0.2686
Android (android.graphics.Color)	4285108662 (0xFF6991B6)
YUV	137.2580, 22.0578, -28.2903
Hunter-Lab	51.6057, -5.9309, -19.1505

# Details

The Hex color **6991B6** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B68E69**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **9FC7EE**, and **345F81** is the 20% darker color. If you saturate the color by 10%, you get **5788B6**, and if you desaturate by 10%, it is **7B9AB6**.

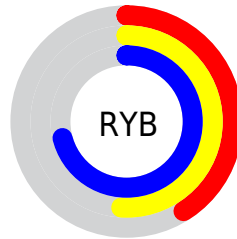
# Distribution



Red (41%)

Green (57%)

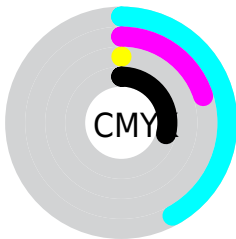
Blue (71%)



Red (41%)

Yellow (51%)

Blue (71%)

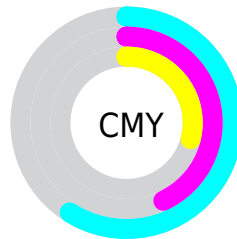


Cyan (42%)

Magenta (20%)

Yellow (0%)

Black (29%)



Cyan (59%)

Magenta (43%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6991B6 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 6991B6 by changing the saturation by 10% instead.



■ 6991B6

■ 6991B6

FFFFFF

■ 4F779B

■ 9FC7EE

■ 345F81

■ BBE3FF

■ 164768

■ D7FFFF

■ 003150

■ F5FFFF

■ 001C38

■ 000223

■ 00000A

■ 000000

■ 6991B6

■ 6991B6

■ 5788B6

■ 7B9AB6

■ 4580B6

■ 8DA2B6

■ 3277B6

■ A0ABB6

■ 206EB6

■ B2B4B6

■ 0E65B6

■ C4BDB6

■ 005FB6

■ D6C5B6

■ E8CEB6

■ FBD7B6

■ FFE0B6

# Harmonies

## Analogous

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



5296AD



6991B6



878AB4

# Triad

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



6991B6



B87E7F



759572

# Complementary

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



6991B6



B68E69

# 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.



8D9065



6991B6



B1836D

# Square

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



6991B6



B27E95



A28964



5E9885

# Rectangle

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



6991B6



9A85AD



A28964



7D946D



# Sweetspot

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



6991B6



CEDEED



69B68D



656F78



F7F7F7



787878



# Same Dimension

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



6991B6



74B3ED



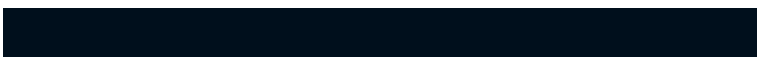
696CB6



53575C



00519C



000F1C



# Inverse Universe

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



B66991



ED74B3



B6B369



5C5357



9C0051

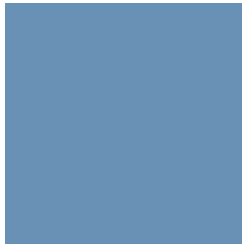


1C000F



# Previews

## White Background



This preview shows how the Hex color 6991B6 looks on a white background.

## Color Contrast Check

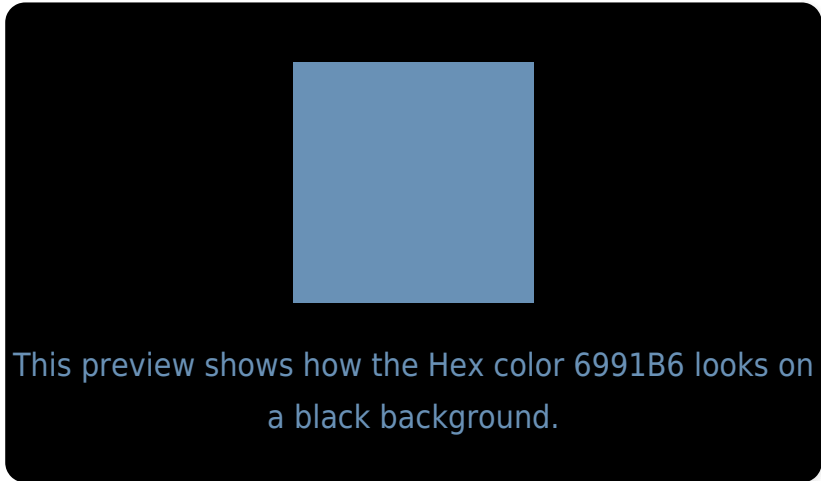
Large Text (above 18pt) WCAG AA ✓ Pass

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

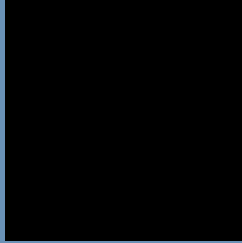
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

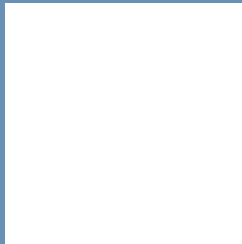
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6991B6 Background



This preview shows how black text looks on a background with the Hex color 6991B6.

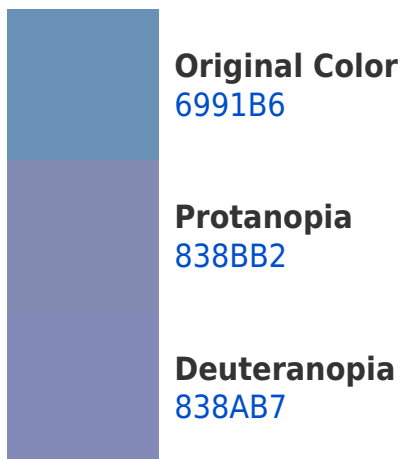


This preview shows how white text looks on a background with the Hex color 6991B6.

# 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](#).

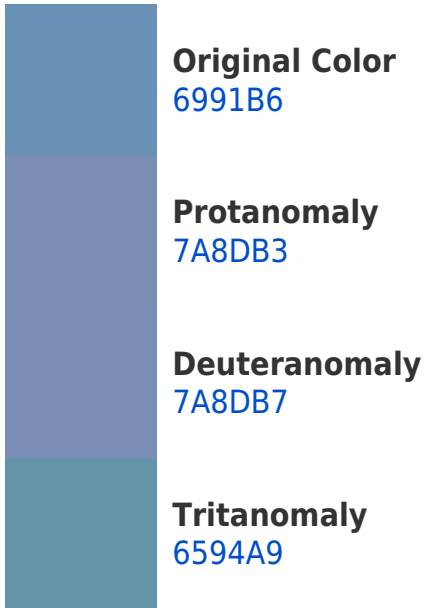
## Dichromacy



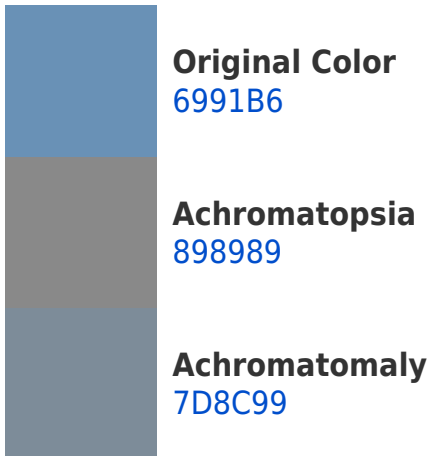


**Tritanopia**  
6395A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6991B6 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 #6991B6 looks like.

```
.text, #text, p{  
    color:#6991B6  
}
```

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 #6991B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6991B6
}
```

## Border

The CSS property to change the border of an element to Hex 6991B6 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
#6991B6 }
```

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

```
.border{ border-color:#6991B6 }
```

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

Here you see how a box with a 4 pixel #6991B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6991B6; -webkit-box-shadow:4px 4px  
4px 4px #6991B6; box-shadow:4px 4px 4px  
4px #6991B6 }
```

# Background

The CSS property to change the background color of an element to Hex 6991B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6991B6 }
```

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

```
.background{ background-color:#6991B6 }
```

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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