

# Converting Colors

Hex(6980B0)

Have a look what the booklet for  
Hex(6980B0) contains.

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# Color

Hex(6980B0)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6980B0
RGB	105, 128, 176
RGB Percent	41%, 50%, 69%
CMY	0.5882, 0.4980, 0.3098
CMYK	0.40, 0.27, 0.00, 0.31
HSL	221°, 31%, 55%
HSV	221°, 40%, 69%
XYZ	21.3813, 21.5762, 44.1120
YIQ	126.5950, -29.1160, 10.0520

# Conversions

## Conversions Part 2

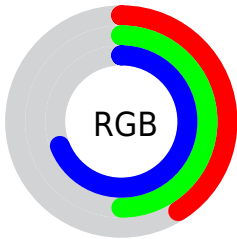
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 122, 176
Decimal	6914224
CIE <sub>Lab</sub>	53.57, 4.20, -28.03
CIE <sub>LCh</sub>	54, 28.346, 278.522
Yxy	21.5762, 0.2456, 0.2478
Android (android.graphics.Color)	4285104304 (0xFF6980B0)
YUV	126.5950, 24.3567, -18.9388
Hunter-Lab	46.4502, 0.8770, -23.7904

# Details

The Hex color **6980B0** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B09969**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **9FB5E8**, and **354F7B** is the 20% darker color. If you saturate the color by 10%, you get **5774B0**, and if you desaturate by 10%, it is **7B8CB0**.

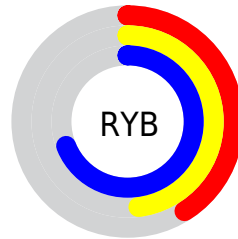
# Distribution



Red (41%)

Green (50%)

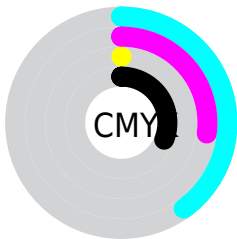
Blue (69%)



Red (41%)

Yellow (48%)

Blue (69%)

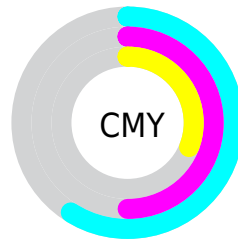


Cyan (40%)

Magenta (27%)

Yellow (0%)

Black (31%)



Cyan (59%)

Magenta (50%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6980B0 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 6980B0 by changing the saturation by 10% instead.



■ 6980B0

■ 6980B0

FFFFFF

■ 4F6795

■ 9FB5E8

■ 354F7B

■ BAD0FF

■ 193862

■ D7ECFF

■ 00234A

■ F4FFFF

■ 000D33

■ 00021E

■ 000000

■ 6980B0

■ 6980B0

■ 5774B0

■ 7B8CB0

4668B0

8C98B0

345CB0

9EA4B0

2350B0

AFB0B0

1145B0

C1BBB0

0039B0

D3C7B0

E4D3B0

F6DFB0

FFEBB0

# Harmonies

## Analogous

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



4187AD



6980B0



8C77A6

# Triad

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



6980B0



AD7163



518C6D

# Complementary

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



6980B0



B09969

# 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.



6F8859



6980B0



9F7853

# Square

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



6980B0



B06D7A



8A814F



338D86

# Rectangle

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



6980B0



9E729A



8A814F



5C8B66



# Sweetspot

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



6980B0



CAD3E6



69B098



636873



F2F2F2



737373



# Same Dimension

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



6980B0



779BE6



7569B0



505359



003299



00081A



# Inverse Universe

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



B06980



E6779B



A4B069



595053



990032



1A0008



# Previews

## White Background



This preview shows how the Hex color 6980B0 looks on a white background.

## Color Contrast Check

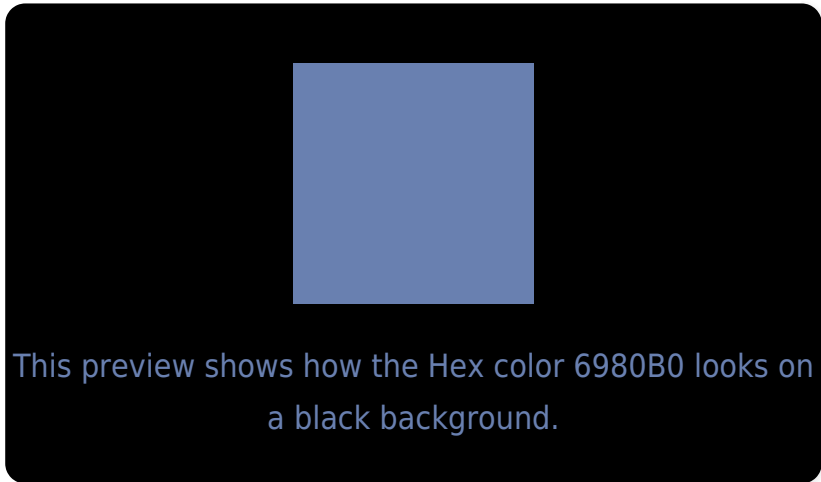
Large Text (above 18pt) WCAG AA ✓ Pass

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

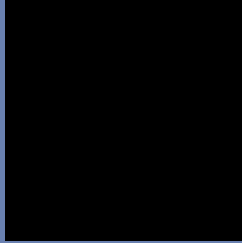
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

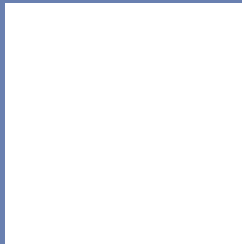
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6980B0 Background



This preview shows how black text looks on a background with the Hex color 6980B0.

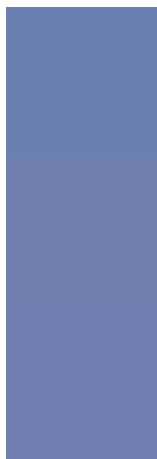


This preview shows how white text looks on a background with the Hex color 6980B0.

# 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



**Original Color**  
6980B0

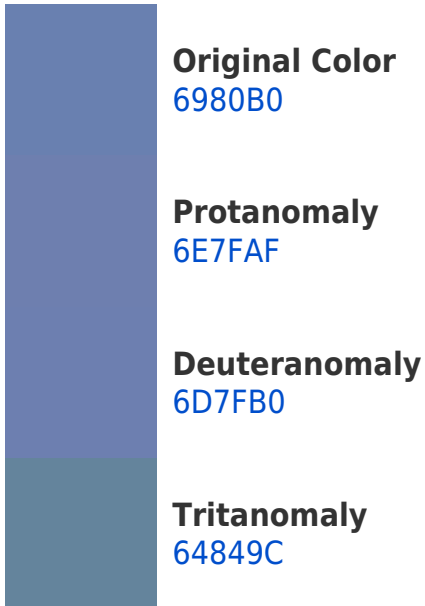
**Protanopia**  
717EAE

**Deuteranopia**  
707EB0

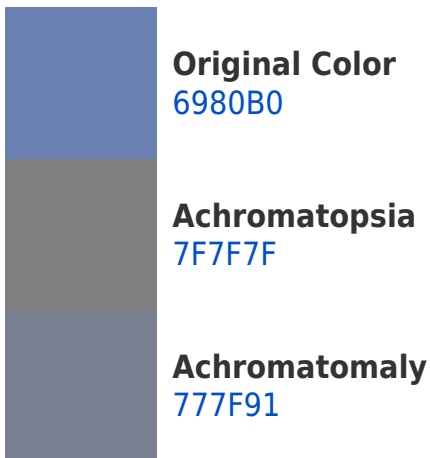


**Tritanopia**  
618691

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6980B0 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 #6980B0 looks like.

```
.text, #text, p{  
    color:#6980B0  
}
```

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 #6980B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6980B0
}
```

## Border

The CSS property to change the border of an element to Hex 6980B0 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
#6980B0 }
```

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

```
.border{ border-color:#6980B0 }
```

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

Here you see how a box with a 4 pixel #6980B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6980B0; -webkit-box-shadow:4px 4px  
4px 4px #6980B0; box-shadow:4px 4px 4px  
4px #6980B0 }
```

# Background

The CSS property to change the background color of an element to Hex 6980B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6980B0 }
```

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

```
.background{ background-color:#6980B0 }
```

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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