

Converting Colors

Hex(6881B0)

Have a look what the booklet for
Hex(6881B0) contains.

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Color

Hex(6881B0)

Conversions

Conversions Part 1

Format	Color
Hex	6881B0
RGB	104, 129, 176
RGB Percent	41%, 51%, 69%
CMY	0.5922, 0.4941, 0.3098
CMYK	0.41, 0.27, 0.00, 0.31
HSL	219°, 31%, 55%
HSV	219°, 41%, 69%
XYZ	21.3956, 21.7782, 44.1502
YIQ	126.8830, -29.9870, 9.3170

Conversions

Conversions Part 2

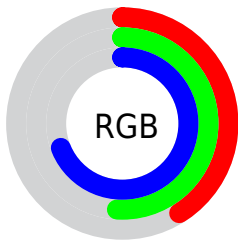
Format	Color
RYB	104, 123, 176
Decimal	6848944
CIELab	53.79, 3.34, -27.70
CIELCh	54, 27.903, 276.865
Yxy	21.7782, 0.2450, 0.2494
Android (android.graphics.Color)	4285039024 (0xFF6881B0)
YUV	126.8830, 24.2147, -20.0684
Hunter-Lab	46.6671, 0.1703, -23.4254

Details

The Hex color **6881B0** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B09768**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **9EB6E8**, and **34507B** is the 20% darker color. If you saturate the color by 10%, you get **5676B0**, and if you desaturate by 10%, it is **7A8CB0**.

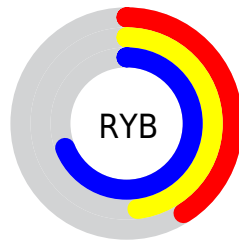
Distribution



Red (41%)

Green (51%)

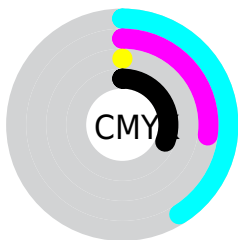
Blue (69%)



Red (41%)

Yellow (48%)

Blue (69%)

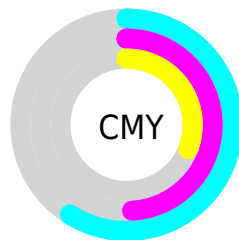


Cyan (41%)

Magenta (27%)

Yellow (0%)

Black (31%)



Cyan (59%)

Magenta (49%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6881B0 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 6881B0 by changing the saturation by 10% instead.

■ 6881B0

■ 6881B0

FFFFFF

■ 4E6895

■ 9EB6E8

■ 34507B

■ B9D1FF

■ 183962

■ D6EDFF

■ 00244A

■ F3FFFF

■ 000E33

■ 00021E

■ 000000

■ 6881B0

■ 6881B0

■ 5676B0

■ 7A8CB0

■ 456AB0

■ 8B98B0

■ 335FB0

■ 9DA3B0

■ 2253B0

■ AEAFB0

■ 1048B0

■ C0BAB0

■ 003DB0

■ D2C6B0

■ E3D1B0

■ F5DDB0

■ FFE8B0

Harmonies

Analogous

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



4288AC



6881B0



8B78A7

Triad

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



6881B0



AE7165



558C6D

Complementary

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



6881B0



B09768

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.



718859



6881B0



A17955

Square

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



6881B0



AF6E7C



8B8150



388E85

Rectangle

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



6881B0



9D739B



8B8150



5E8B66

Sweetspot

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



6881B0



CAD4E6



68B097



636873



F2F2F2



737373

Same Dimension

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



6881B0



759CE6



7368B0



505359



003599



00091A

Inverse Universe

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



B06881



E6759C



A5B068



595053



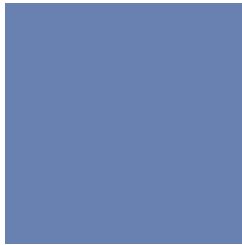
990035



1A0009

Previews

White Background



This preview shows how the Hex color 6881B0 looks on a white background.

Color Contrast Check

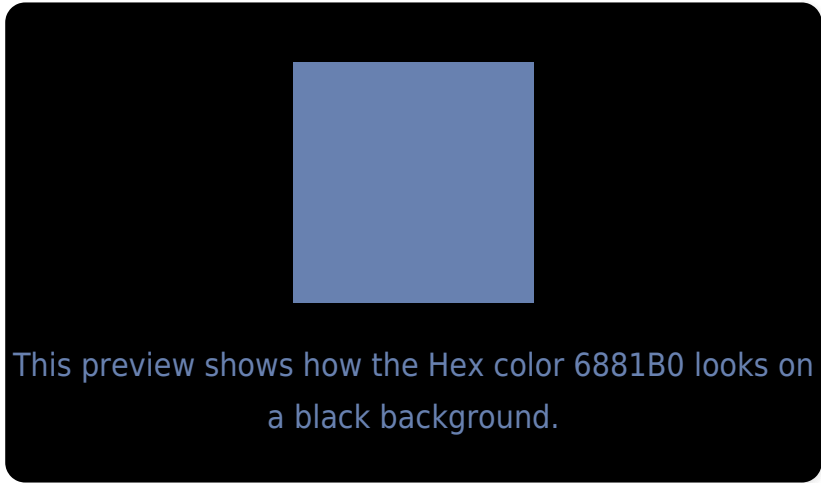
Large Text (above 18pt) WCAG AA ✓ Pass

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

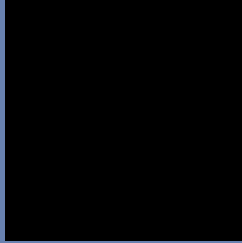
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

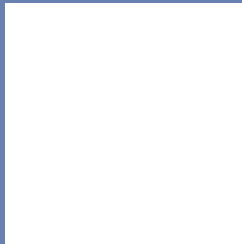
Any Text WCAG AAA × Fail

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

Hex 6881B0 Background



This preview shows how black text looks on a background with the Hex color 6881B0.

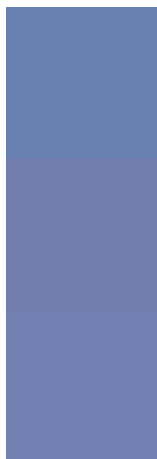


This preview shows how white text looks on a background with the Hex color 6881B0.

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
6881B0

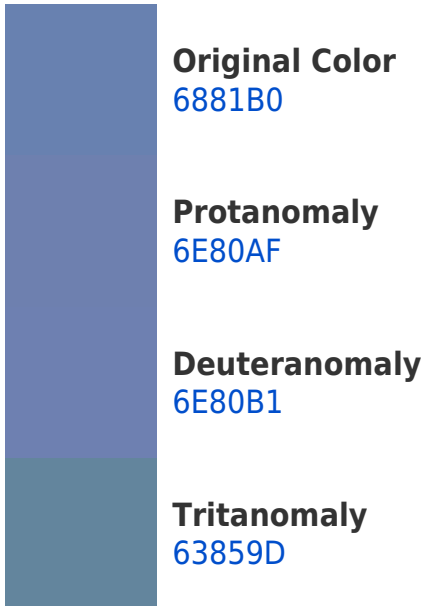
Protanopia
727FAE

Deuteranopia
717FB1



Tritanopia
608792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6881B0 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 #6881B0 looks like.

```
.text, #text, p{  
    color:#6881B0  
}
```

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 #6881B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6881B0
}
```

Border

The CSS property to change the border of an element to Hex 6881B0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

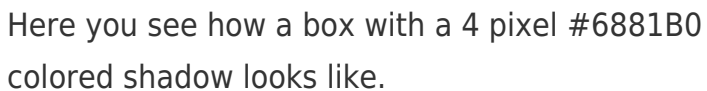
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6881B0 }
```

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

```
.border{ border-color:#6881B0 }
```

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



Here you see how a box with a 4 pixel #6881B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6881B0; -webkit-box-shadow:4px 4px  
4px 4px #6881B0; box-shadow:4px 4px 4px  
4px #6881B0 }
```

Background

The CSS property to change the background color of an element to Hex 6881B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6881B0 }
```

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

```
.background{ background-color:#6881B0 }
```

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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