

Converting Colors

Hex(6881B4)

Have a look what the booklet for
Hex(6881B4) contains.

Hex(6881B4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6881B4)

Conversions

Conversions Part 1

Format	Color
Hex	6881B4
RGB	104, 129, 180
RGB Percent	41%, 51%, 71%
CMY	0.5922, 0.4941, 0.2941
CMYK	0.42, 0.28, 0.00, 0.29
HSL	220°, 34%, 56%
HSV	220°, 42%, 71%
XYZ	21.7974, 21.9389, 46.2658
YIQ	127.3390, -31.2710, 10.5610

Conversions

Conversions Part 2

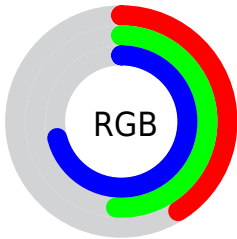
Format	Color
RYB	104, 123, 180
Decimal	6848948
CIELab	53.96, 4.49, -29.73
CIElCh	54, 30.072, 278.585
Yxy	21.9389, 0.2422, 0.2438
Android (android.graphics.Color)	4285039028 (0xFF6881B4)
YUV	127.3390, 25.9619, -20.4683
Hunter-Lab	46.8389, 1.1003, -25.7772

Details

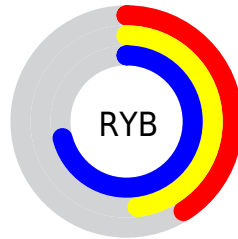
The Hex color **6881B4** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B49B68**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **9EB6EC**, and **33507F** is the 20% darker color. If you saturate the color by 10%, you get **5675B4**, and if you desaturate by 10%, it is **7A8DB4**.

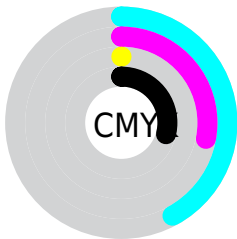
Distribution



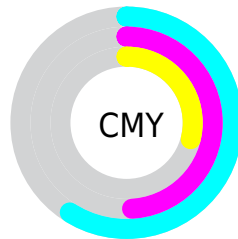
- Red (41%)
- Green (51%)
- Blue (71%)



- Red (41%)
- Yellow (48%)
- Blue (71%)



- Cyan (42%)
- Magenta (28%)
- Yellow (0%)
- Black (29%)



- Cyan (59%)
- Magenta (49%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6881B4 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 6881B4 by changing the saturation by 10% instead.

■ 6881B4

■ 6881B4

FFFFFF

■ 4E6899

■ 9EB6EC

■ 33507F

■ BAD1FF

■ 163966

■ D6EDFF

■ 00244D

■ F3FFFF

■ 000F36

■ 000221

■ 000005

■ 000000

■ 6881B4

■ 6881B4

■ 5675B4

■ 7A8DB4

■ 4469B4

■ 8C99B4

■ 325DB4

■ 9EA5B4

■ 2051B4

■ B0B1B4

■ 0E45B4

■ C2BDB4

■ 003BB4

■ D4C9B4

■ E6D6B4

■ F8E2B4

■ FFEEB4

Harmonies

Analogous

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



3C89B1



6881B4



8E78AA

Triad

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



6881B4



B17162



4F8D6D

Complementary

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



6881B4



B49B68

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.



6F8958



6881B4



A27951

Square

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



6881B4



B36D7A



8B824D



2C8F88

Rectangle

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



6881B4



A1729C



8B824D



5A8C65

Sweetspot

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



6881B4



CCD6EB



68B49B



636975



F5F5F5



757575

Same Dimension

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



6881B4



739AEB



7568B4



505359



003299



00081A

Inverse Universe

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



B46881



EB739A



A7B468



595053



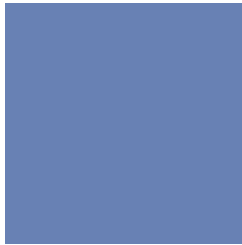
990032



1A0008

Previews

White Background



This preview shows how the Hex color 6881B4 looks on a white background.

Color Contrast Check

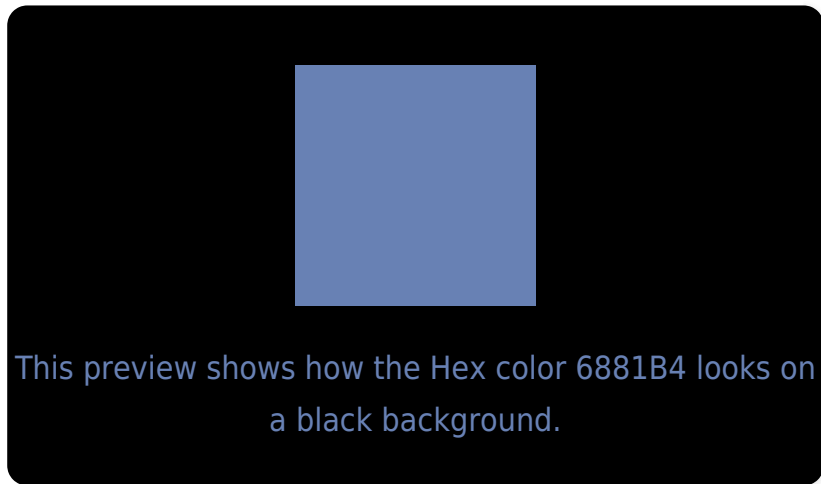
Large Text (above 18pt) WCAG AA ✓ Pass

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

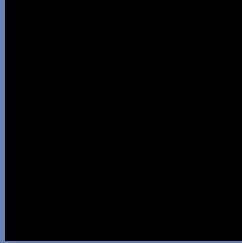
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

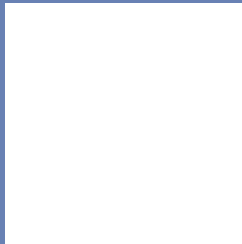
Any Text WCAG AAA × Fail

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

Hex 6881B4 Background



This preview shows how black text looks on a background with the Hex color 6881B4.

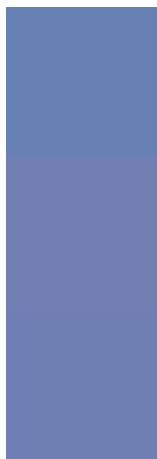


This preview shows how white text looks on a background with the Hex color 6881B4.

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
6881B4

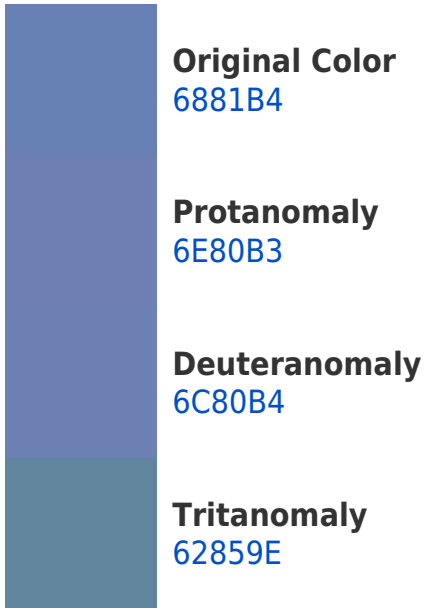
Protanopia
717FB2

Deuteranopia
6F7FB4

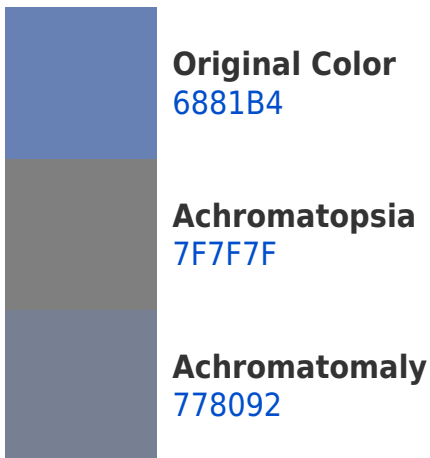


Tritanopia
5F8792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6881B4 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 #6881B4 looks like.

```
.text, #text, p{  
    color:#6881B4  
}
```

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 #6881B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6881B4
}
```

Border

The CSS property to change the border of an element to Hex 6881B4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

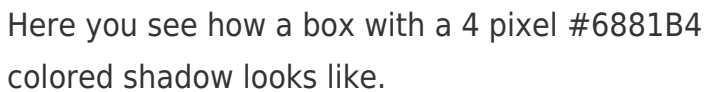
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6881B4 }
```

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

```
.border{ border-color:#6881B4 }
```

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



Here you see how a box with a 4 pixel #6881B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6881B4; -webkit-box-shadow:4px 4px  
4px 4px #6881B4; box-shadow:4px 4px 4px  
4px #6881B4 }
```

Background

The CSS property to change the background color of an element to Hex 6881B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6881B4 }
```

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

```
.background{ background-color:#6881B4 }
```

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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