

Converting Colors

Hex(6B81B4)

Have a look what the booklet for
Hex(6B81B4) contains.

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Color

Hex(6B81B4)

Conversions

Conversions Part 1

Format	Color
Hex	6B81B4
RGB	107, 129, 180
RGB Percent	42%, 51%, 71%
CMY	0.5804, 0.4941, 0.2941
CMYK	0.41, 0.28, 0.00, 0.29
HSL	222°, 33%, 56%
HSV	222°, 41%, 71%
XYZ	22.1519, 22.1216, 46.2824
YIQ	128.2360, -29.4830, 11.1970

Conversions

Conversions Part 2

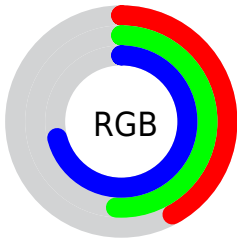
Format	Color
R_{YB}	107, 124, 180
Decimal	7045556
CIE _{Lab}	54.16, 5.30, -29.42
CIE _{LCh}	54, 29.893, 280.221
Yxy	22.1216, 0.2446, 0.2443
Android (android.graphics.Color)	4285235636 (0xFF6B81B4)
YUV	128.2360, 25.5197, -18.6240
Hunter-Lab	47.0336, 1.7611, -25.4195

Details

The Hex color **6B81B4** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B49E6B**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **A1B6EC**, and **37507F** is the 20% darker color. If you saturate the color by 10%, you get **5974B4**, and if you desaturate by 10%, it is **7D8EB4**.

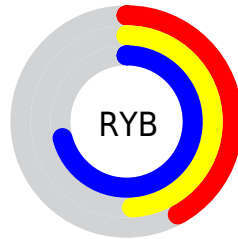
Distribution



Red (42%)

Green (51%)

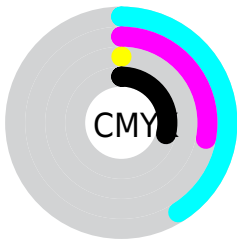
Blue (71%)



Red (42%)

Yellow (49%)

Blue (71%)

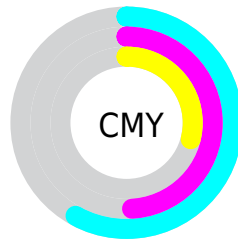


Cyan (41%)

Magenta (28%)

Yellow (0%)

Black (29%)



Cyan (58%)

Magenta (49%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B81B4 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 6B81B4 by changing the saturation by 10% instead.



6B81B4



6B81B4

FFFFFF



516899



A1B6EC



37507F



BDD1FF



1B3966



D9EDFF



00244D



F6FFFF



000F36



000221



000005



000000



6B81B4



6B81B4

■ 5974B4

■ 7D8EB4

■ 4768B4

■ 8F9AB4

■ 355BB4

■ A1A7B4

■ 234FB4

■ B3B3B4

■ 1142B4

■ C5C0B4

■ 0036B4

■ D7CCB4

■ E9D9B4

■ FBE6B4

■ FFF2B4

Harmonies

Analogous

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



3F89B1



6B81B4



9078A9

Triad

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



6B81B4



B07261



4E8E6F

Complementary

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



6B81B4



B49E6B

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.



6E8A59



6B81B4



A17A51

Square

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



6B81B4



B46E79



8A834E



2B8F8A

Rectangle

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



6B81B4



A2729C



8A834E



598D67

Sweetspot

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



6B81B4



CED7EB



6BB49D



656A75



F5F5F5



757575

Same Dimension

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



6B81B4



789AEB



786BB4



505359



002E99



00081A

Inverse Universe

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



B46B81



EB789A



A7B46B



595053



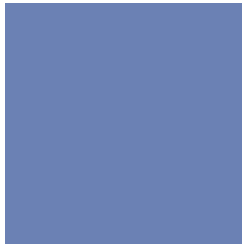
99002E



1A0008

Previews

White Background



This preview shows how the Hex color 6B81B4 looks on a white background.

Color Contrast Check

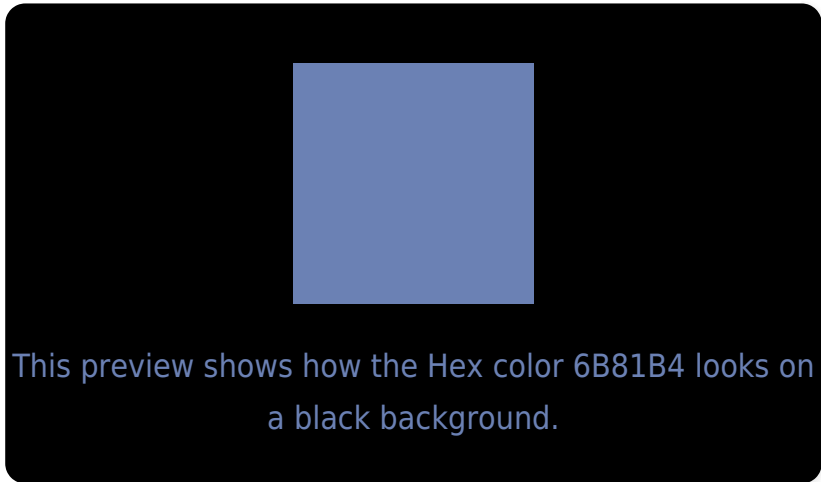
Large Text (above 18pt) WCAG AA ✓ Pass

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

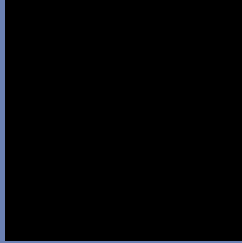
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

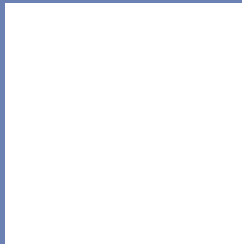
Any Text WCAG AAA × Fail

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

Hex 6B81B4 Background



This preview shows how black text looks on a background with the Hex color 6B81B4.

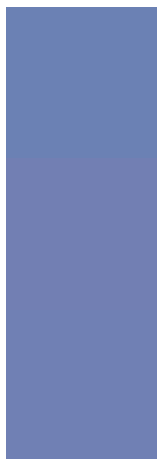


This preview shows how white text looks on a background with the Hex color 6B81B4.

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
6B81B4

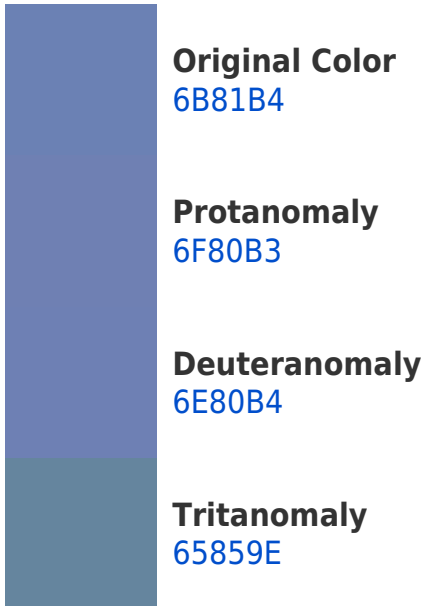
Protanopia
727FB3

Deuteranopia
7080B4

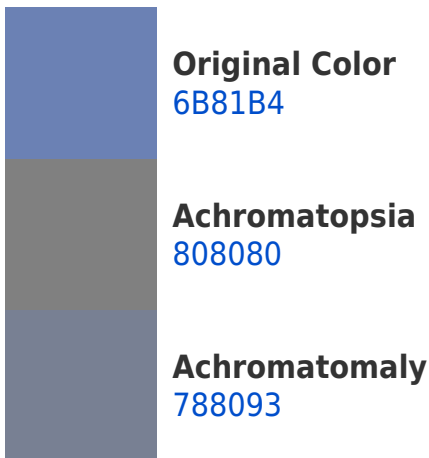


Tritanopia
628792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B81B4 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 #6B81B4 looks like.

```
.text, #text, p{  
    color:#6B81B4  
}
```

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 #6B81B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B81B4
}
```

Border

The CSS property to change the border of an element to Hex 6B81B4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

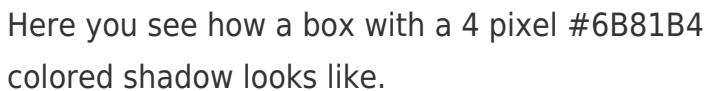
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B81B4 }
```

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

```
.border{ border-color:#6B81B4 }
```

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



Here you see how a box with a 4 pixel #6B81B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B81B4; -webkit-box-shadow:4px 4px  
4px 4px #6B81B4; box-shadow:4px 4px 4px  
4px #6B81B4 }
```

Background

The CSS property to change the background color of an element to Hex 6B81B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B81B4 }
```

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

```
.background{ background-color:#6B81B4 }
```

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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