

Converting Colors

Hex(6C82C6)

Have a look what the booklet for
Hex(6C82C6) contains.

Hex(6C82C6)	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(6C82C6)

Conversions

Conversions Part 1

Format	Color
Hex	6C82C6
RGB	108, 130, 198
RGB Percent	42%, 51%, 78%
CMY	0.5765, 0.4902, 0.2235
CMYK	0.45, 0.34, 0.00, 0.22
HSL	225°, 44%, 60%
HSV	225°, 45%, 78%
XYZ	24.3600, 23.2306, 56.6261
YIQ	131.1740, -34.9400, 16.4840

Conversions

Conversions Part 2

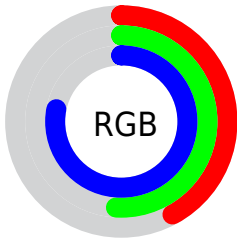
Format	Color
R _Y B	108, 126, 198
Decimal	7111366
CIE Lab	55.31, 10.24, -37.89
CIE LCh	55, 39.247, 285.117
Yxy	23.2306, 0.2337, 0.2229
Android (android.graphics.Color)	4285301446 (0xFF6C82C6)
YUV	131.1740, 32.9452, -20.3236
Hunter-Lab	48.1982, 5.8696, -35.9188

Details

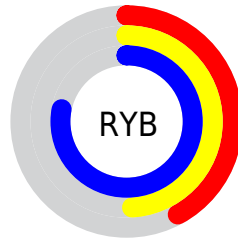
The Hex color **6C82C6** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **C6B06C**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **A3B7FF**, and **355190** is the 20% darker color. If you saturate the color by 10%, you get **5873C6**, and if you desaturate by 10%, it is **8091C6**.

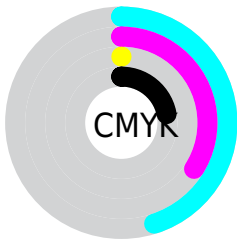
Distribution



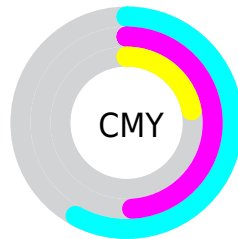
- Red (42%)
- Green (51%)
- Blue (78%)



- Red (42%)
- Yellow (49%)
- Blue (78%)



- Cyan (45%)
- Magenta (34%)
- Yellow (0%)
- Black (22%)



- Cyan (58%)
- Magenta (49%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C82C6 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 6C82C6 by changing the saturation by 10% instead.



6C82C6



6C82C6

FFFFFF



5169AA



A3B7FF



355190



BFD2FF



143A76



DCEEFF



00255D



FAFFFF



001145



00042E



000118



000000



6C82C6



6C82C6

■ 5873C6

■ 8091C6

■ 4464C6

■ 94A0C6

■ 3155C6

■ A7AFC6

■ 1D46C6

■ BBBEC6

■ 0937C6

■ CFCDC6

■ 0030C6

■ E3DCC6

■ F7EBC6

■ FFFAC6

■ FFFFC6

Harmonies

Analogous

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



158DC6



6C82C6



9D75B5

Triad

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



6C82C6



BD7056



2E9572

Complementary

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



6C82C6



C6B06C

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.



629053



6C82C6



A87D42

Square

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



6C82C6



C56974



888841



009695

Rectangle

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



6C82C6



B36DA2



888841



439467

Sweetspot

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



6C82C6



DBE4FF



6CC6B0



6A6F80



000000



808080

Same Dimension

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



6C82C6



7395FF



836CC6



5A5C63



0028A3



000924

Inverse Universe

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



C66C82



FF7395



B0C66C



635A5C



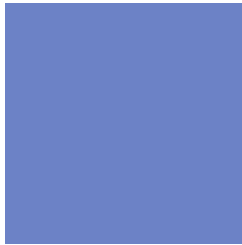
A30028



240009

Previews

White Background



This preview shows how the Hex color 6C82C6 looks on a white background.

Color Contrast Check

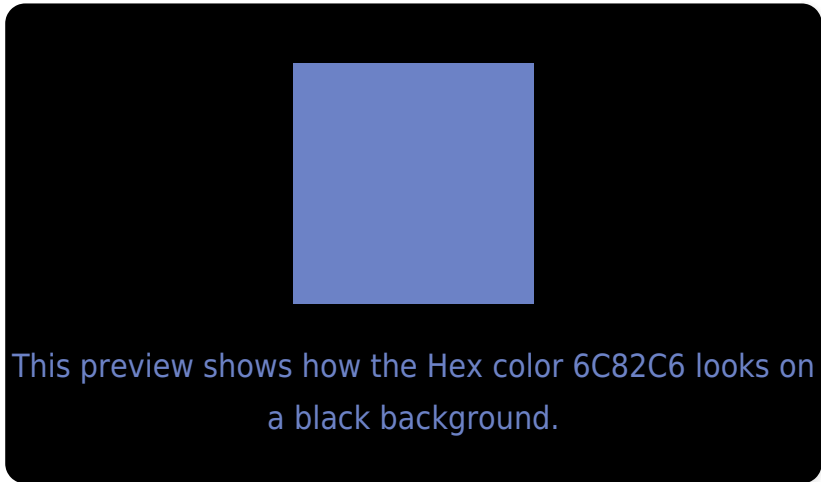
Large Text (above 18pt) WCAG AA ✓ Pass

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

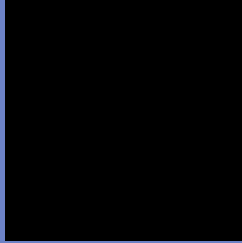
Any Text WCAG AA ✓ Pass

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 6C82C6 Background



This preview shows how black text looks on a background with the Hex color 6C82C6.



This preview shows how white text looks on a background with the Hex color 6C82C6.

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
6C82C6

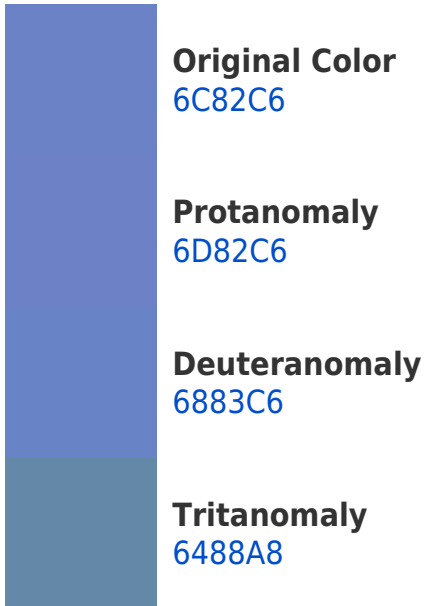
Protanopia
6D82C6

Deuteranopia
6683C6



Tritanopia
5F8B97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6C82C6 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 #6C82C6 looks like.

```
.text, #text, p{  
    color:#6C82C6  
}
```

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 #6C82C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C82C6
}
```

Border

The CSS property to change the border of an element to Hex 6C82C6 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
#6C82C6 }
```

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

```
.border{ border-color:#6C82C6 }
```

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

Here you see how a box with a 4 pixel #6C82C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C82C6; -webkit-box-shadow:4px 4px  
4px 4px #6C82C6; box-shadow:4px 4px 4px  
4px #6C82C6 }
```

Background

The CSS property to change the background color of an element to Hex 6C82C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C82C6 }
```

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

```
.background{ background-color:#6C82C6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor