

Converting Colors

Hex(6D8CC6)

Have a look what the booklet for
Hex(6D8CC6) contains.

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Color

Hex(6D8CC6)

Conversions

Conversions Part 1

Format	Color
Hex	6D8CC6
RGB	109, 140, 198
RGB Percent	43%, 55%, 78%
CMY	0.5725, 0.4510, 0.2235
CMYK	0.45, 0.29, 0.00, 0.22
HSL	219°, 44%, 60%
HSV	219°, 45%, 78%
XYZ	25.8778, 26.0846, 57.0970
YIQ	137.3430, -37.0940, 11.4660

Conversions

Conversions Part 2

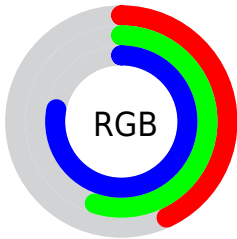
Format	Color
R _{YB}	109, 132, 198
Decimal	7179462
CIE Lab	58.12, 4.59, -33.49
CIE LCh	58, 33.806, 277.812
Yxy	26.0846, 0.2373, 0.2392
Android (android.graphics.Color)	4285369542 (0xFF6D8CC6)
YUV	137.3430, 29.9039, -24.8568
Hunter-Lab	51.0731, 1.0648, -30.5319

Details

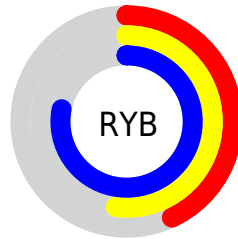
The Hex color **6D8CC6** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **C6A76D**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **A4C1FF**, and **365A90** is the 20% darker color. If you saturate the color by 10%, you get **597FC6**, and if you desaturate by 10%, it is **8199C6**.

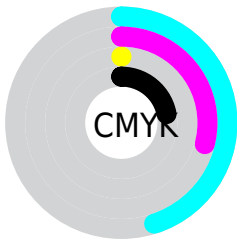
Distribution



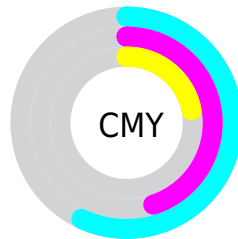
- Red (43%)
- Green (55%)
- Blue (78%)



- Red (43%)
- Yellow (52%)
- Blue (78%)



- Cyan (45%)
- Magenta (29%)
- Yellow (0%)
- Black (22%)



- Cyan (57%)
- Magenta (45%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D8CC6 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 6D8CC6 by changing the saturation by 10% instead.



6D8CC6



6D8CC6

FFFFFF



5273AB



A4C1FF



365A90



C0DDFF



164376



DDFAFF



002D5D



FAFFFF



001945



00042E



000119



000000



6D8CC6



6D8CC6

■ 597FC6

■ 8199C6

■ 4572C6

■ 95A6C6

■ 3265C6

■ A8B3C6

■ 1E58C6

■ BCC0C6

■ 0A4BC6

■ D0CDC6

■ 0045C6

■ E4D9C6

■ F8E6C6

■ FFF3C6

■ FFFFC6

Harmonies

Analogous

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



3695C2



6D8CC6



9981BB

Triad

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



6D8CC6



C27969



529A74

Complementary

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



6D8CC6



C6A76D

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.



77955C



6D8CC6



B18255

Square

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



6D8CC6



C57485



978C50



249B93

Rectangle

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



6D8CC6



AF7AAC



978C50



5F986B

Sweetspot

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



6D8CC6



DEE9FF



6DC6A7



6B7280



000000



808080

Same Dimension

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



6D8CC6



75A5FF



7A6DC6



5A5D63



0039A3



000C24

Inverse Universe

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



C66D8C



FF75A5



B9C66D



635A5D



A30039



24000C

Previews

White Background



This preview shows how the Hex color 6D8CC6 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



This preview shows how the Hex color 6D8CC6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

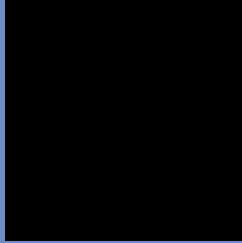
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

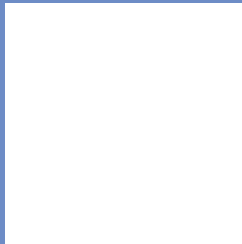
Any Text WCAG AAA × Fail

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

Hex 6D8CC6 Background



This preview shows how black text looks on a background with the Hex color 6D8CC6.



This preview shows how white text looks on a background with the Hex color 6D8CC6.

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
6D8CC6

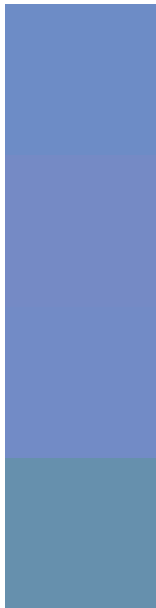
Protanopia
7989C4

Deuteranopia
758AC6



Tritanopia
62939F

Trichromacy



Original Color
6D8CC6

Protanomaly
758AC5

Deuteranomaly
728BC6

Tritanomaly
6690AD

Monochromacy



Original Color
6D8CC6

Achromatopsia
898989

Achromatomaly
7F8A9F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D8CC6 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 #6D8CC6 looks like.

```
.text, #text, p{  
    color:#6D8CC6  
}
```

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 #6D8CC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D8CC6
}
```

Border

The CSS property to change the border of an element to Hex 6D8CC6 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
#6D8CC6 }
```

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

```
.border{ border-color:#6D8CC6 }
```

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

Here you see how a box with a 4 pixel #6D8CC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D8CC6; -webkit-box-shadow:4px 4px  
4px 4px #6D8CC6; box-shadow:4px 4px 4px  
4px #6D8CC6 }
```

Background

The CSS property to change the background color of an element to Hex 6D8CC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D8CC6 }
```

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

```
.background{ background-color:#6D8CC6 }
```

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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