

Converting Colors

Hex(6D7CCD)

Have a look what the booklet for
Hex(6D7CCD) contains.

Hex(6D7CCD)	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(6D7CCD)

Conversions

Conversions Part 1

Format	Color
Hex	6D7CCD
RGB	109, 124, 205
RGB Percent	43%, 49%, 80%
CMY	0.5725, 0.5137, 0.1961
CMYK	0.47, 0.40, 0.00, 0.20
HSL	231°, 49%, 62%
HSV	231°, 47%, 80%
XYZ	24.5338, 22.0743, 60.7253
YIQ	128.7490, -34.9410, 22.0110

Conversions

Conversions Part 2

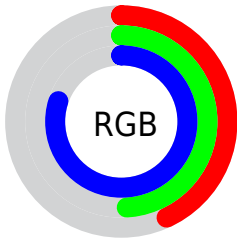
Format	Color
R _{YB}	109, 122, 205
Decimal	7175373
CIE _{Lab}	54.11, 16.18, -43.75
CIE _{LCh}	54, 46.649, 290.288
Y _{xy}	22.0743, 0.2286, 0.2057
Android (android.graphics.Color)	4285365453 (0xFF6D7CCD)
YUV	128.7490, 37.5917, -17.3199
Hunter-Lab	46.9833, 10.9885, -43.7433

Details

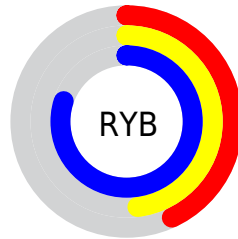
The Hex color **6D7CCD** is a dark color, and the websafe version is hex **6699FF**. A complement of this color would be **CDBE6D**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **A5B0FF**, and **344C96** is the 20% darker color. If you saturate the color by 10%, you get **596BCD**, and if you desaturate by 10%, it is **828DCD**.

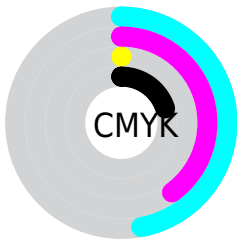
Distribution



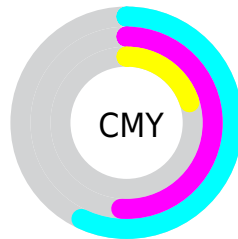
- Red (43%)
- Green (49%)
- Blue (80%)



- Red (43%)
- Yellow (48%)
- Blue (80%)



- Cyan (47%)
- Magenta (40%)
- Yellow (0%)
- Black (20%)



- Cyan (57%)
- Magenta (51%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D7CCD 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 6D7CCD by changing the saturation by 10% instead.

■ 6D7CCD

■ 6D7CCD

FFFFFF

■ 5163B1

■ A5B0FF

■ 344C96

■ C1CCFF

■ 10357C

■ DEE8FF

■ 002163

■ FCFFFF

■ 000B4A

■ 000433

■ 00021D

■ 000000

■ 6D7CCD

■ 6D7CCD

■ 596BCD

■ 828DCD

■ 4459CD

■ 969FCD

■ 2F48CD

■ ABB0CD

■ 1B37CD

■ BFC1CD

■ 0626CD

■ D4D2CD

■ 0020CD

■ E8E4CD

■ FDF5CD

■ FFFFCD

Harmonies

Analogous

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



008AD0



6D7CCD



A66CB5

Triad

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



6D7CCD



BF6B45



009472

Complementary

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



6D7CCD



CDBE6D

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.



4D904C



6D7CCD



A37B2F

Square

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



6D7CCD



CC5F68



7D8831



00959C

Rectangle

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



6D7CCD



BD629D



7D8831



129365

Sweetspot

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



6D7CCD



DBE1FF



6DCDBD



6A6D80



000000



808080

Same Dimension

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



6D7CCD



7087FF



8D6DCD



5C5D66



001AA6



000626

Inverse Universe

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



CD6D7C



FF7087



ADCD6D



665C5D



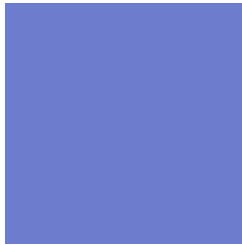
A6001A



260006

Previews

White Background



This preview shows how the Hex color 6D7CCD looks on a white background.

Color Contrast Check

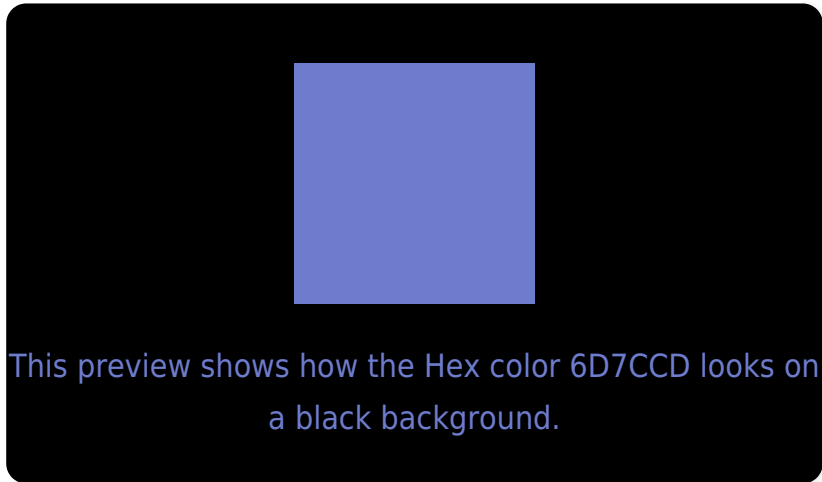
Large Text (above 18pt) WCAG AA ✓ Pass

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

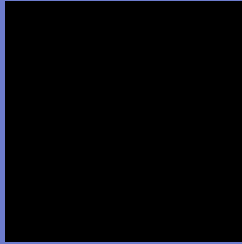
Any Text WCAG AA ✓ Pass

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 6D7CCD Background



This preview shows how black text looks on a background with the Hex color 6D7CCD.




This preview shows how white text looks on a background with the Hex color 6D7CCD.

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](#).

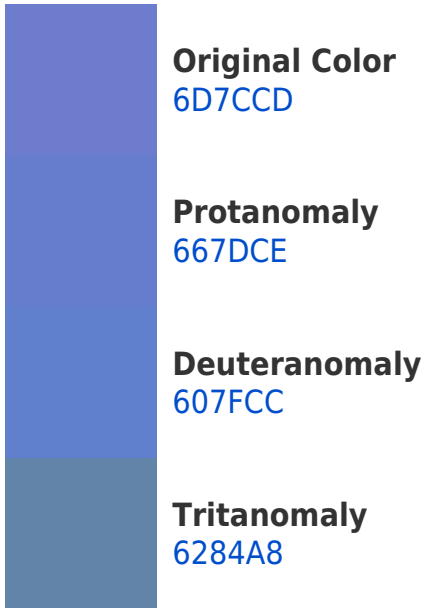
Dichromacy



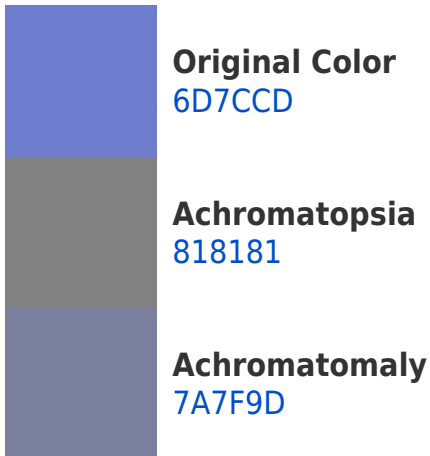


Tritanopia
5C8893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6D7CCD 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 #6D7CCD looks like.

```
.text, #text, p{  
    color:#6D7CCD  
}
```

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 #6D7CCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D7CCD
}
```

Border

The CSS property to change the border of an element to Hex 6D7CCD 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
#6D7CCD }
```

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

```
.border{ border-color:#6D7CCD }
```

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

Here you see how a box with a 4 pixel #6D7CCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D7CCD; -webkit-box-shadow:4px 4px  
4px 4px #6D7CCD; box-shadow:4px 4px 4px  
4px #6D7CCD }
```

Background

The CSS property to change the background color of an element to Hex 6D7CCD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D7CCD }
```

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

```
.background{ background-color:#6D7CCD }
```

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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