

Converting Colors

Hex(6A7CDD)

Have a look what the booklet for
Hex(6A7CDD) contains.

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Color

Hex(6A7CDD)

Conversions

Conversions Part 1

Format	Color
Hex	6A7CDD
RGB	106, 124, 221
RGB Percent	42%, 49%, 87%
CMY	0.5843, 0.5137, 0.1333
CMYK	0.52, 0.44, 0.00, 0.13
HSL	231°, 63%, 64%
HSV	231°, 52%, 87%
XYZ	26.2027, 22.6999, 71.4071
YIQ	129.6760, -41.8650, 26.3510

Conversions

Conversions Part 2

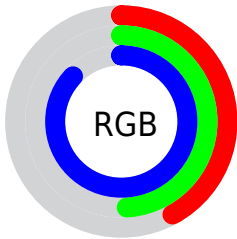
Format	Color
RYB	106, 122, 221
Decimal	6978781
CIELab	54.76, 20.41, -51.76
CIELCh	55, 55.638, 291.518
Yxy	22.6999, 0.2178, 0.1887
Android (android.graphics.Color)	4285168861 (0xFF6A7CDD)
YUV	129.6760, 45.0227, -20.7639
Hunter-Lab	47.6444, 14.7905, -55.5098

Details

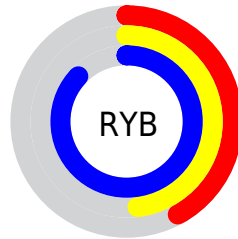
The Hex color **6A7CDD** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **DDCB6A**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **A4B0FF**, and **2C4CA5** is the 20% darker color. If you saturate the color by 10%, you get **5469DD**, and if you desaturate by 10%, it is **808FDD**.

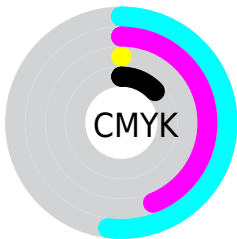
Distribution



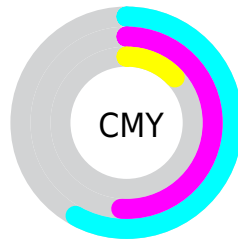
- Red (42%)
- Green (49%)
- Blue (87%)



- Red (42%)
- Yellow (48%)
- Blue (87%)



- Cyan (52%)
- Magenta (44%)
- Yellow (0%)
- Black (13%)



- Cyan (58%)
- Magenta (51%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A7CDD 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 6A7CDD by changing the saturation by 10% instead.

■ 6A7CDD

■ 6A7CDD

FFFFFF

■ 4D63C1

■ A4B0FF

■ 2C4CA5

■ C1CCFF

■ 00358A

■ DEE8FF

■ 002170

■ FCFFFF

■ 000D57

■ 00063F

■ 000328

■ 000112

■ 000000

■ 6A7CDD

■ 6A7CDD

■ 5469DD

■ 808FDD

■ 3E57DD

■ 96A1DD

■ 2844DD

■ ACB4DD

■ 1231DD

■ C2C7DD

■ 0023DD

■ D9D9DD

■ EFECDD

■ FFFEDD

■ FFFFDD

Harmonies

Analogous

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



008DE2



6A7CDD



B067C0

Triad

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



6A7CDD



C96938



009973

Complementary

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



6A7CDD



DDCB6A

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.



3D9444



6A7CDD



A77C19

Square

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



6A7CDD



DA5863



7A8B1E



009AA5

Rectangle

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



6A7CDD



CB5BA3



7A8B1E



009863

Sweetspot

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



6A7CDD



D6DDFF



6ADDCA



676B80



000000



808080

Same Dimension

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



6A7CDD



617AFF



906ADD



63646E



001BAD



00072E

Inverse Universe

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



DD6A7C



FF617A



B7DD6A



6E6364



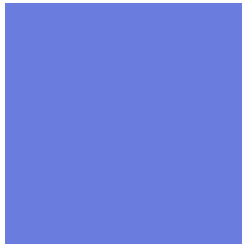
AD001B



2E0007

Previews

White Background



This preview shows how the Hex color 6A7CDD looks on a white background.

Color Contrast Check

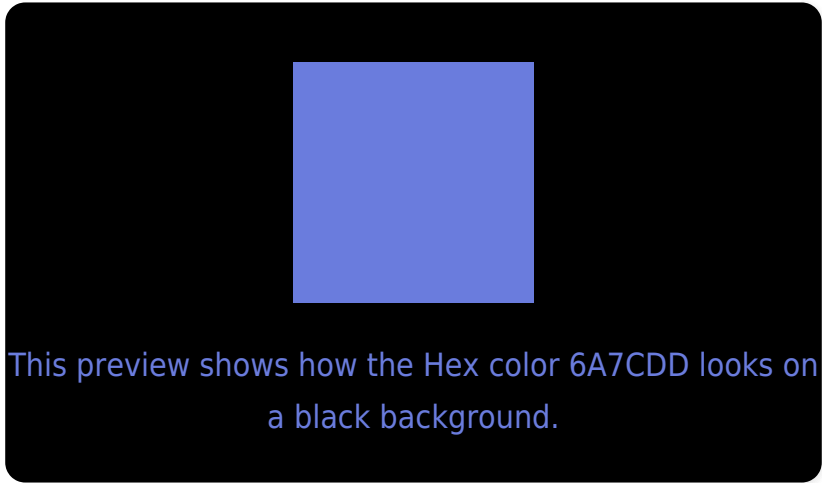
Large Text (above 18pt) WCAG AA ✓ Pass

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

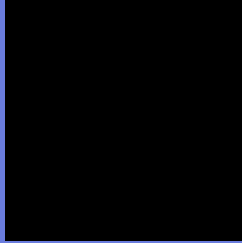
Any Text WCAG AA ✓ Pass

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 6A7CDD Background



This preview shows how black text looks on a background with the Hex color 6A7CDD.



This preview shows how white text looks on a background with the Hex color 6A7CDD.

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
6A7CDD

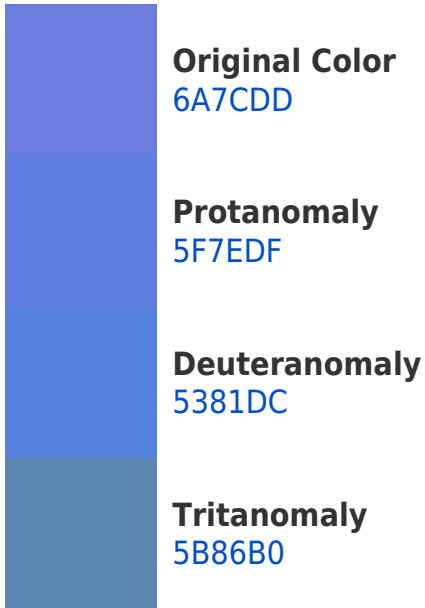
Protanopia
587FE0

Deuteranopia
4684DB

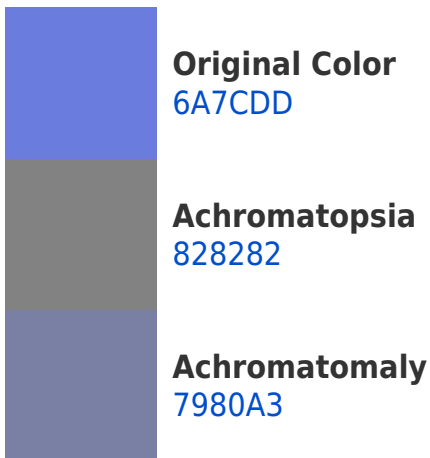


Tritanopia
538C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A7CDD 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 #6A7CDD looks like.

```
.text, #text, p{  
    color:#6A7CDD  
}
```

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 #6A7CDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7CDD
}
```

Border

The CSS property to change the border of an element to Hex 6A7CDD 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
#6A7CDD }
```

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

```
.border{ border-color:#6A7CDD }
```

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

Here you see how a box with a 4 pixel #6A7CDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7CDD; -webkit-box-shadow:4px 4px  
4px 4px #6A7CDD; box-shadow:4px 4px 4px  
4px #6A7CDD }
```

Background

The CSS property to change the background color of an element to Hex 6A7CDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7CDD }
```

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

```
.background{ background-color:#6A7CDD }
```

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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