

Converting Colors

Hex(6A7CD0)

Have a look what the booklet for
Hex(6A7CD0) contains.

Hex(6A7CD0)	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(6A7CD0)

Conversions

Conversions Part 1

Format	Color
Hex	6A7CD0
RGB	106, 124, 208
RGB Percent	42%, 49%, 82%
CMY	0.5843, 0.5137, 0.1843
CMYK	0.49, 0.40, 0.00, 0.18
HSL	229°, 52%, 62%
HSV	229°, 49%, 82%
XYZ	24.5367, 22.0335, 62.6342
YIQ	128.1940, -37.6920, 22.3080

Conversions

Conversions Part 2

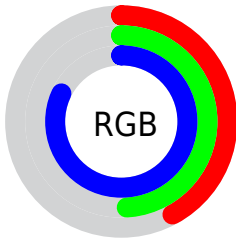
Format	Color
R _Y B	106, 121, 208
Decimal	6978768
CIE Lab	54.06, 16.37, -45.54
CIE LCh	54, 48.391, 289.778
Yxy	22.0335, 0.2247, 0.2018
Android (android.graphics.Color)	4285168848 (0xFF6A7CD0)
YUV	128.1940, 39.3444, -19.4641
Hunter-Lab	46.9399, 11.1617, -46.2556

Details

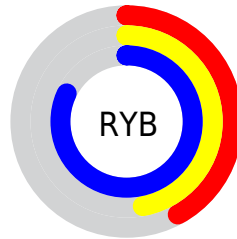
The Hex color **6A7CD0** is a dark color, and the websafe version is hex **6699FF**. A complement of this color would be **D0BE6A**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **A2B0FF**, and **304C99** is the 20% darker color. If you saturate the color by 10%, you get **556BD0**, and if you desaturate by 10%, it is **7F8DD0**.

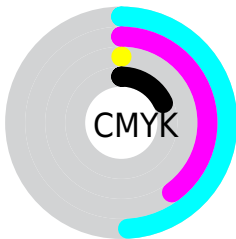
Distribution



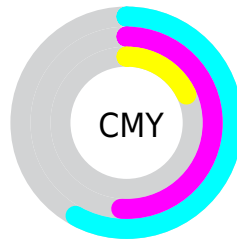
- Red (42%)
- Green (49%)
- Blue (82%)



- Red (42%)
- Yellow (47%)
- Blue (82%)



- Cyan (49%)
- Magenta (40%)
- Yellow (0%)
- Black (18%)



- Cyan (58%)
- Magenta (51%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A7CD0 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 6A7CD0 by changing the saturation by 10% instead.

■ 6A7CD0

■ 6A7CD0

FFFFFF

■ 4E63B4

■ A2B0FF

■ 304C99

■ BFCCFF

■ 03357F

■ DCE8FF

■ 002165

■ FAFFFF

■ 000B4D

■ 000535

■ 00021F

■ 000002

■ 000000

■ 6A7CD0

■ 6A7CD0

■ 556BD0

■ 7F8DD0

■ 405AD0

■ 949ED0

■ 2C49D0

■ A8AFD0

■ 1737D0

■ BDC1D0

■ 0226D0

■ D2D2D0

■ 0025D0

■ E7E3D0

■ FCF4D0

■ FFFF00

Harmonies

Analogous

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



008AD3



6A7CD0



A66BB8

Triad

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



6A7CD0



C16A43



009571

Complementary

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



6A7CD0



D0BE6A

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.



4C9049



6A7CD0



A47A2B

Square

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



6A7CD0



CE5D67



7D872D



00969C

Rectangle

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



6A7CD0



BE619F



7D872D



039463

Sweetspot

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



6A7CD0



D9DFFF



6AD0BD



696D80



000000



808080

Same Dimension

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



6A7CD0



6983FF



8A6AD0



5E6069



001EA8



000729

Inverse Universe

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



D06A7C



FF6983



B0D06A



695E60



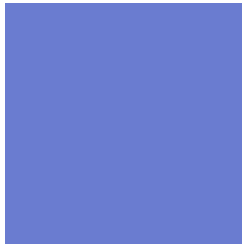
A8001E



290007

Previews

White Background



This preview shows how the Hex color 6A7CD0 looks on a white background.

Color Contrast Check

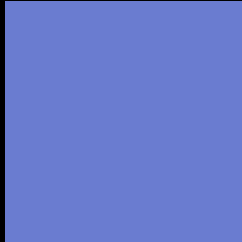
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A7CD0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

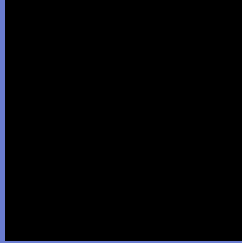
Any Text WCAG AA ✓ Pass

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 6A7CD0 Background



This preview shows how black text looks on a background with the Hex color 6A7CD0.

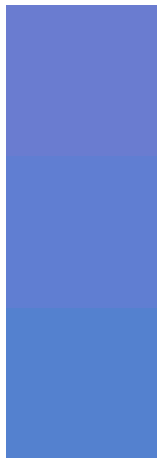


This preview shows how white text looks on a background with the Hex color 6A7CD0.

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
6A7CD0

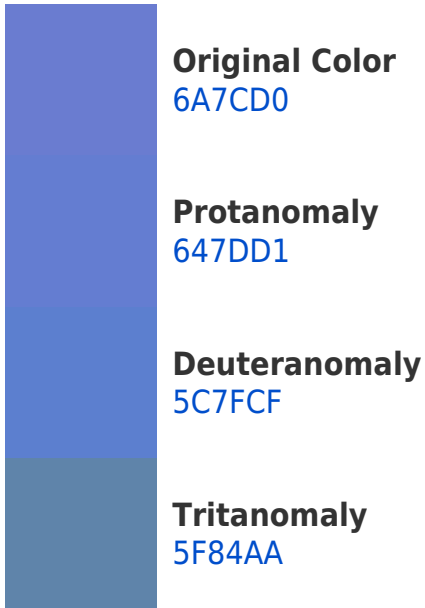
Protanopia
607ED2

Deuteranopia
5481CF

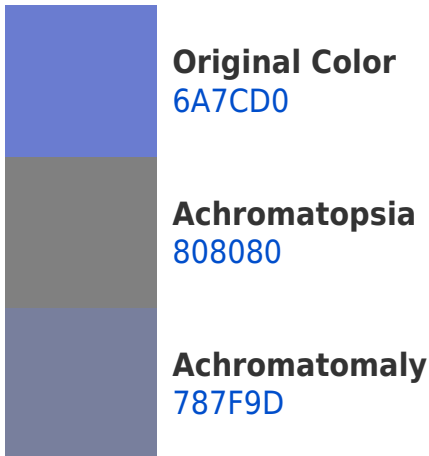


Tritanopia
588994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A7CD0 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 #6A7CD0 looks like.

```
.text, #text, p{  
    color:#6A7CD0  
}
```

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 #6A7CD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7CD0
}
```

Border

The CSS property to change the border of an element to Hex 6A7CD0 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
#6A7CD0 }
```

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

```
.border{ border-color:#6A7CD0 }
```

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

Here you see how a box with a 4 pixel #6A7CD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7CD0; -webkit-box-shadow:4px 4px  
4px 4px #6A7CD0; box-shadow:4px 4px 4px  
4px #6A7CD0 }
```

Background

The CSS property to change the background color of an element to Hex 6A7CD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7CD0 }
```

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

```
.background{ background-color:#6A7CD0 }
```

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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