

# Converting Colors

Hex(6A7CD4)

Have a look what the booklet for  
Hex(6A7CD4) contains.

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# Color

**Hex(6A7CD4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A7CD4
RGB	106, 124, 212
RGB Percent	42%, 49%, 83%
CMY	0.5843, 0.5137, 0.1686
CMYK	0.50, 0.42, 0.00, 0.17
HSL	230°, 55%, 62%
HSV	230°, 50%, 83%
XYZ	25.0352, 22.2329, 65.2592
YIQ	128.6500, -38.9760, 23.5520

# Conversions

## Conversions Part 2

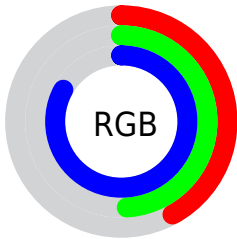
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 121, 212
Decimal	6978772
CIE <sub>Lab</sub>	54.27, 17.61, -47.46
CIE <sub>LCh</sub>	54, 50.625, 290.352
Yxy	22.2329, 0.2225, 0.1976
Android (android.graphics.Color)	4285168852 (0xFF6A7CD4)
YUV	128.6500, 41.0915, -19.8641
Hunter-Lab	47.1518, 12.2586, -49.0525

# Details

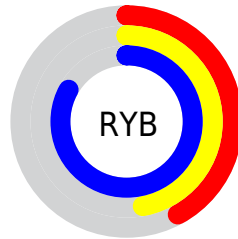
The Hex color **6A7CD4** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **D4C26A**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **A3B0FF**, and **2F4C9D** is the 20% darker color. If you saturate the color by 10%, you get **556AD4**, and if you desaturate by 10%, it is **7F8ED4**.

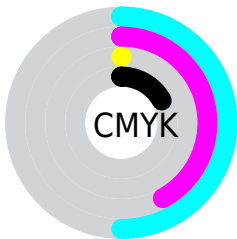
# Distribution



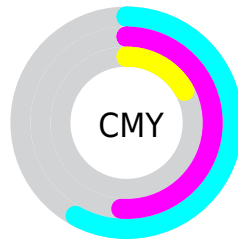
- Red (42%)
- Green (49%)
- Blue (83%)



- Red (42%)
- Yellow (47%)
- Blue (83%)



- Cyan (50%)
- Magenta (42%)
- Yellow (0%)
- Black (17%)



- Cyan (58%)
- Magenta (51%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A7CD4 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 6A7CD4 by changing the saturation by 10% instead.



■ 6A7CD4

■ 6A7CD4

FFFFFF

■ 4D63B8

■ A3B0FF

■ 2F4C9D

■ BFCCFF

■ 003582

■ DDE8FF

■ 002169

■ FAFFFF

■ 000C50

■ 000538

■ 000222

■ 000008

■ 000000

■ 6A7CD4

■ 6A7CD4

■ 556AD4

■ 7F8ED4

■ 4059D4

■ 949FD4

■ 2A47D4

■ AAB1D4

■ 1536D4

■ BFC2D4

■ 0024D4

■ D4D4D4

■ E9E6D4

■ FEF7D4

■ FFFFD4

# Harmonies

## Analogous

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



008BD8



6A7CD4



A96ABA

# Triad

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



6A7CD4



C36A3F



009672

# Complementary

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



6A7CD4



D4C26A

# 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.



479247



6A7CD4



A57B26

# Square

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



6A7CD4



D25C66



7C8929



00979F

# Rectangle

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



6A7CD4



C25FA0



7C8929



009563



# Sweetspot

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



6A7CD4



D9DFFF



6AD4C1



696C80



000000



808080



# Same Dimension

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



6A7CD4



6680FF



8C6AD4



60626B



001DAB



00072B



# Inverse Universe

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



D46A7C



FF6680



B2D46A



6B6062



AB001D

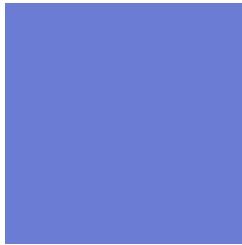


2B0007



# Previews

## White Background



This preview shows how the Hex color 6A7CD4 looks on a white background.

## Color Contrast Check

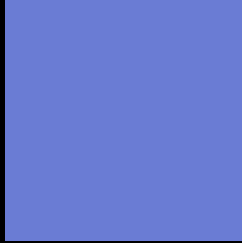
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A7CD4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

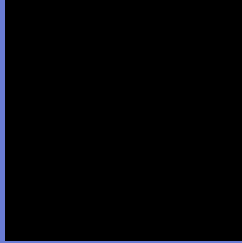
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6A7CD4 Background



This preview shows how black text looks on a background with the Hex color 6A7CD4.

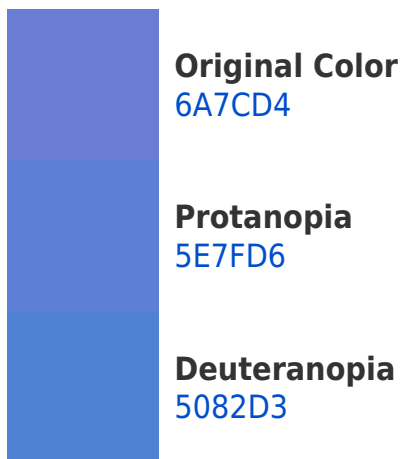


This preview shows how white text looks on a background with the Hex color 6A7CD4.

# 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](#).

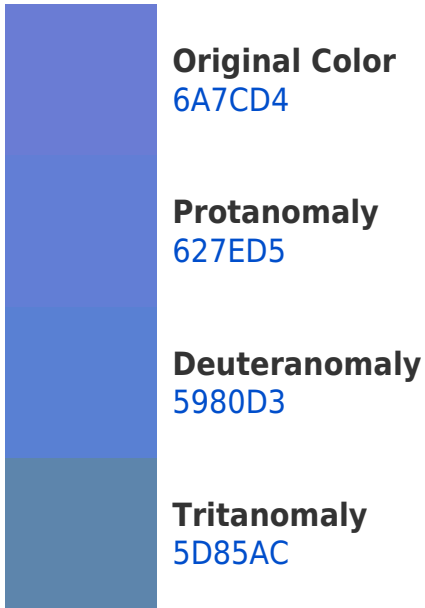
## Dichromacy





**Tritanopia**  
568A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A7CD4 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 #6A7CD4 looks like.

```
.text, #text, p{  
    color:#6A7CD4  
}
```

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 #6A7CD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7CD4
}
```

## Border

The CSS property to change the border of an element to Hex 6A7CD4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

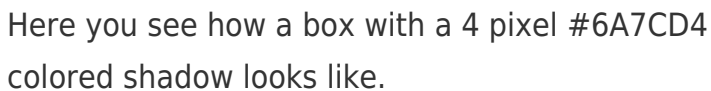
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A7CD4 }
```

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

```
.border{ border-color:#6A7CD4 }
```

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



Here you see how a box with a 4 pixel #6A7CD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7CD4; -webkit-box-shadow:4px 4px  
4px 4px #6A7CD4; box-shadow:4px 4px 4px  
4px #6A7CD4 }
```

# Background

The CSS property to change the background color of an element to Hex 6A7CD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7CD4 }
```

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

```
.background{ background-color:#6A7CD4 }
```

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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