

Converting Colors

Hex(6A8CDA)

Have a look what the booklet for
Hex(6A8CDA) contains.

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Color

Hex(6A8CDA)

Conversions

Conversions Part 1

Format	Color
Hex	6A8CDA
RGB	106, 140, 218
RGB Percent	42%, 55%, 85%
CMY	0.5843, 0.4510, 0.1451
CMYK	0.51, 0.36, 0.00, 0.15
HSL	222°, 60%, 64%
HSV	222°, 51%, 85%
XYZ	27.9768, 26.8823, 70.0439
YIQ	138.7260, -45.3020, 17.0500

Conversions

Conversions Part 2

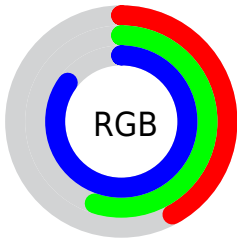
Format	Color
RYB	106, 132, 218
Decimal	6982874
CIELab	58.87, 9.91, -43.57
CIELCh	59, 44.684, 282.808
Yxy	26.8823, 0.2240, 0.2152
Android (android.graphics.Color)	4285172954 (0xFF6A8CDA)
YUV	138.7260, 39.0821, -28.7007
Hunter-Lab	51.8481, 5.5829, -43.8038

Details

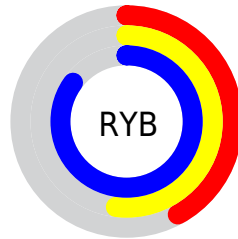
The Hex color **6A8CDA** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **DAB86A**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **A3C1FF**, and **2E5AA3** is the 20% darker color. If you saturate the color by 10%, you get **547DDA**, and if you desaturate by 10%, it is **809BDA**.

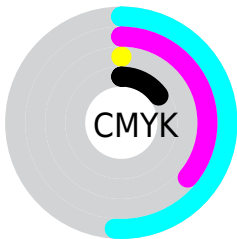
Distribution



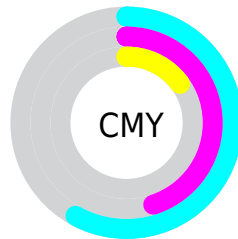
- Red (42%)
- Green (55%)
- Blue (85%)



- Red (42%)
- Yellow (52%)
- Blue (85%)



- Cyan (51%)
- Magenta (36%)
- Yellow (0%)
- Black (15%)



- Cyan (58%)
- Magenta (45%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A8CDA 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 6A8CDA by changing the saturation by 10% instead.

■ 6A8CDA

■ 6A8CDA

FFFFFF

■ 4D73BE

■ A3C1FF

■ 2E5AA3

■ C0DDFF

■ 004388

■ DDFAFF

■ 002E6E

■ FBFFFF

■ 001A55

■ 00023E

■ 000327

■ 000110

■ 000000

■ 6A8CDA

■ 6A8CDA

■ 547DDA

■ 809BDA

■ 3E6EDA

■ 96AADA

■ 295EDA

■ ABBADA

■ 134FDA

■ C1C9DA

■ 0042DA

■ D7D8DA

■ EDE7DA

■ FFF6DA

■ FFFFDA

Harmonies

Analogous

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



0098D8



6A8CDA



A67DC7

Triad

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



6A8CDA



D0755A



29A075

Complementary

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



6A8CDA



DAB86A

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.



699A52



6A8CDA



B88342

Square

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



6A8CDA



D76D7E



95913E



00A29E

Rectangle

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



6A8CDA



C173B2



95913E



449F68

Sweetspot

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



6A8CDA



D9E4FF



6ADAB7



697080



000000



808080

Same Dimension

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



6A8CDA



6191FF



7F6ADA



63666E



0035AD



000E2E

Inverse Universe

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



DA6A8C



FF6191



C5DA6A



6E6366



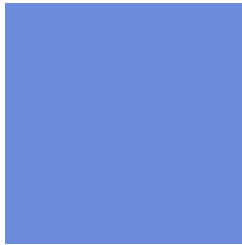
AD0035



2E000E

Previews

White Background



This preview shows how the Hex color 6A8CDA 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 6A8CDA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

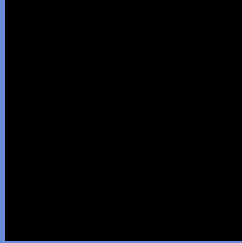
Any Text WCAG AA ✓ Pass

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 6A8CDA Background



This preview shows how black text looks on a background with the Hex color 6A8CDA.



This preview shows how white text looks on a background with the Hex color 6A8CDA.

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
6A8CDA

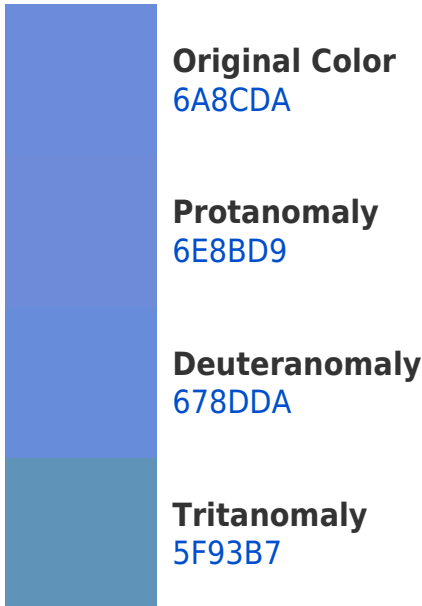
Protanopia
718BD9

Deuteranopia
668DDA

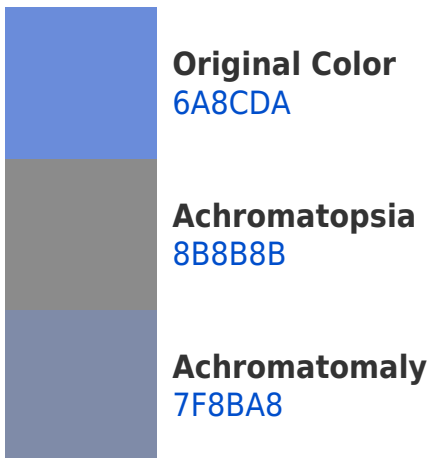


Tritanopia
5897A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A8CDA 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 #6A8CDA looks like.

```
.text, #text, p{  
    color:#6A8CDA  
}
```

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 #6A8CDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A8CDA
}
```

Border

The CSS property to change the border of an element to Hex 6A8CDA 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
#6A8CDA }
```

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

```
.border{ border-color:#6A8CDA }
```

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

Here you see how a box with a 4 pixel #6A8CDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A8CDA; -webkit-box-shadow:4px 4px  
4px 4px #6A8CDA; box-shadow:4px 4px 4px  
4px #6A8CDA }
```

Background

The CSS property to change the background color of an element to Hex 6A8CDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A8CDA }
```

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

```
.background{ background-color:#6A8CDA }
```

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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