

Converting Colors

Hex(6A89DC)

Have a look what the booklet for
Hex(6A89DC) contains.

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Color

Hex(6A89DC)

Conversions

Conversions Part 1

Format	Color
Hex	6A89DC
RGB	106, 137, 220
RGB Percent	42%, 54%, 86%
CMY	0.5843, 0.4627, 0.1373
CMYK	0.52, 0.38, 0.00, 0.14
HSL	224°, 62%, 64%
HSV	224°, 52%, 86%
XYZ	27.8078, 26.1228, 71.2867
YIQ	137.1930, -45.1190, 19.2410

Conversions

Conversions Part 2

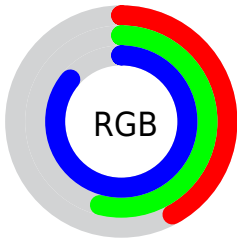
Format	Color
RYB	106, 130, 220
Decimal	6982108
CIELab	58.15, 12.30, -45.81
CIElCh	58, 47.438, 285.031
Yxy	26.1228, 0.2221, 0.2086
Android (android.graphics.Color)	4285172188 (0xFF6A89DC)
YUV	137.1930, 40.8239, -27.3563
Hunter-Lab	51.1105, 7.6736, -46.9179

Details

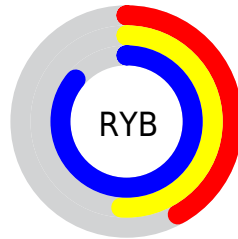
The Hex color **6A89DC** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **DCBD6A**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **A3BEFF**, and **2D58A4** is the 20% darker color. If you saturate the color by 10%, you get **5479DC**, and if you desaturate by 10%, it is **8099DC**.

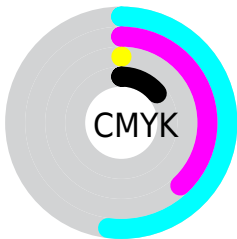
Distribution



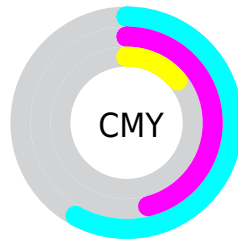
- Red (42%)
- Green (54%)
- Blue (86%)



- Red (42%)
- Yellow (51%)
- Blue (86%)



- Cyan (52%)
- Magenta (38%)
- Yellow (0%)
- Black (14%)



- Cyan (58%)
- Magenta (46%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A89DC 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 6A89DC by changing the saturation by 10% instead.

■ 6A89DC

■ 6A89DC

FFFFFF

■ 4D70C0

■ A3BEFF

■ 2D58A4

■ C0DAFF

■ 00418A

■ DEF6FF

■ 002B70

■ FBFFFF

■ 001857

■ 00033F

■ 000328

■ 000112

■ 000000

 6A89DC

 6A89DC

 5479DC

 8099DC

 3E69DC

 96A9DC

 2859DC

 ACB9DC

 1249DC

 C2C9DC

 003CDC

 D8D9DC

 EEE9DC

 FFF9DC

 FFFFDC

Harmonies

Analogous

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



0096DC



6A89DC



A978C7

Triad

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



6A89DC



CF7353



009F75

Complementary

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



6A89DC



DCBD6A

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.



619A4F



6A89DC



B58239

Square

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



6A89DC



D96878



8F9037



00A1A0

Rectangle

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



6A89DC



C46EB0



8F9037



349E67

Sweetspot

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



6A89DC



D6E1FF



6ADCBC



676E80



000000



808080

Same Dimension

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



6A89DC



618CFF



836ADC



63666E



002FAD



000C2E

Inverse Universe

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



DC6A89



FF618C



C3DC6A



6E6366



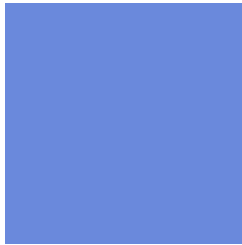
AD002F



2E000C

Previews

White Background



This preview shows how the Hex color 6A89DC looks on a white background.

Color Contrast Check

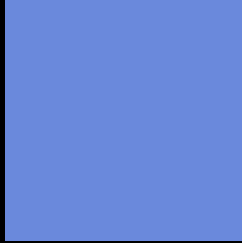
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A89DC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

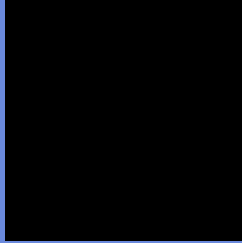
Any Text WCAG AA ✓ Pass

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 6A89DC Background



This preview shows how black text looks on a background with the Hex color 6A89DC.

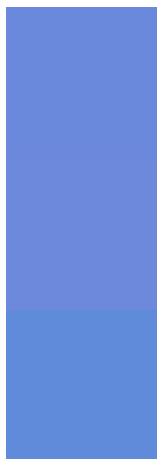


This preview shows how white text looks on a background with the Hex color 6A89DC.

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

6A89DC

Protanopia

6C89DC

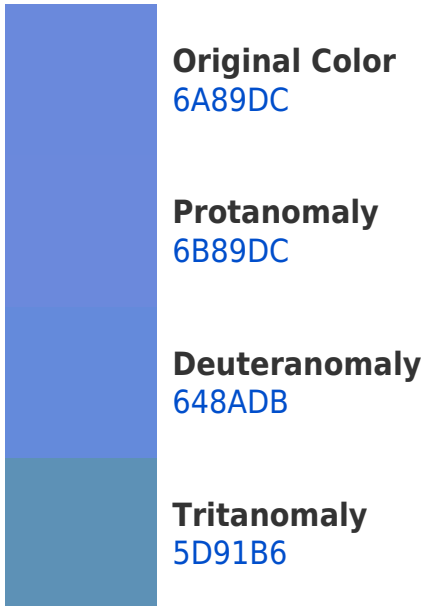
Deuteranopia

608BDB

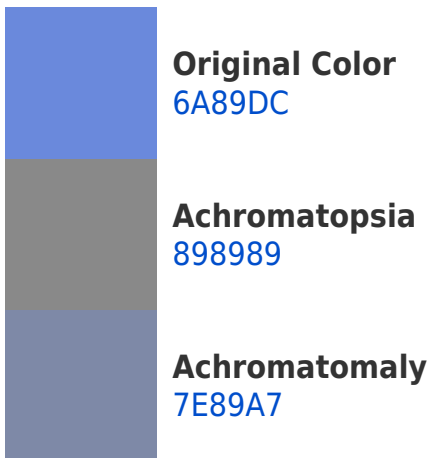


Tritanopia
5695A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A89DC 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 #6A89DC looks like.

```
.text, #text, p{  
    color:#6A89DC  
}
```

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 #6A89DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A89DC
}
```

Border

The CSS property to change the border of an element to Hex 6A89DC is called "border". The border property can be set on classes, ids or directly on the HTML element.

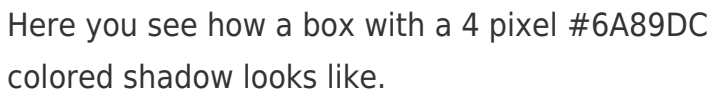
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A89DC }
```

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

```
.border{ border-color:#6A89DC }
```

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



Here you see how a box with a 4 pixel #6A89DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A89DC; -webkit-box-shadow:4px 4px  
4px 4px #6A89DC; box-shadow:4px 4px 4px  
4px #6A89DC }
```

Background

The CSS property to change the background color of an element to Hex 6A89DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A89DC }
```

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

```
.background{ background-color:#6A89DC }
```

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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