

# Converting Colors

Hex(6F89DB)

Have a look what the booklet for  
Hex(6F89DB) contains.

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# **Color**

**Hex(6F89DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6F89DB
RGB	111, 137, 219
RGB Percent	44%, 54%, 86%
CMY	0.5647, 0.4627, 0.1412
CMYK	0.49, 0.37, 0.00, 0.14
HSL	226°, 60%, 65%
HSV	226°, 49%, 86%
XYZ	28.2874, 26.3853, 70.6198
YIQ	138.5740, -41.8180, 19.9900

# Conversions

## Conversions Part 2

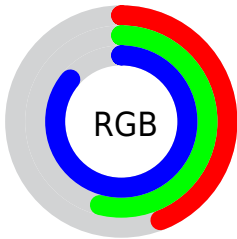
Format	Color
R <sub>Y</sub> B	111, 132, 219
Decimal	7309787
CIE Lab	58.40, 13.13, -44.84
CIE LCh	58, 46.728, 286.323
Yxy	26.3853, 0.2258, 0.2106
Android (android.graphics.Color)	4285499867 (0xFF6F89DB)
YUV	138.5740, 39.6500, -24.1824
Hunter-Lab	51.3666, 8.4076, -45.5564

# Details

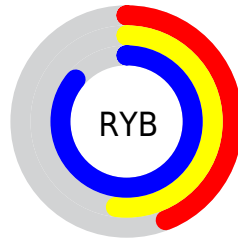
The Hex color **6F89DB** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **DBC16F**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **A8BEFF**, and **3458A4** is the 20% darker color. If you saturate the color by 10%, you get **5978DB**, and if you desaturate by 10%, it is **859ADB**.

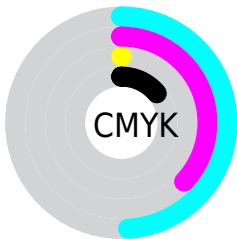
# Distribution



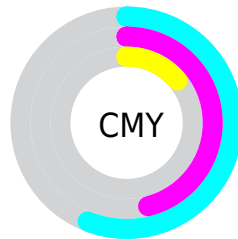
- Red (44%)
- Green (54%)
- Blue (86%)



- Red (44%)
- Yellow (52%)
- Blue (86%)



- Cyan (49%)
- Magenta (37%)
- Yellow (0%)
- Black (14%)



- Cyan (56%)
- Magenta (46%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F89DB 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 6F89DB by changing the saturation by 10% instead.



 6F89DB

 6F89DB

FFFFFF

 5270BF

 A8BEFF

 3458A4

 C5DAFF

 0A4189

 E2F6FF

 002B6F

 001856

 00013E

 000327

 000111

 000000

 6F89DB

 6F89DB

 5978DB

 859ADB

 4368DB

 9BAADB

 2D57DB

 B1BBDB

 1746DB

 C7CCDB

 0236DB

 DCDCDB

 0035DB

 F2EDDB

 FFFDDB

 FFFFDB

# Harmonies

## Analogous

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



0096DC



6F89DB



AC79C5

# Triad

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



6F89DB



CF7453



00A078

# Complementary

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



6F89DB



DBC16F

# 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.



609B52



6F89DB



B4843B

# Square

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



6F89DB



D96A78



8E913A



00A1A2

# Rectangle

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



6F89DB



C66FAE



8E913A



349E6A



# Sweetspot

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



6F89DB



D9E2FF



6FDBC0



696E80



000000



808080



# Same Dimension

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



6F89DB



698DFF



8A6FDB



63656E



002AAD



000B2E



# Inverse Universe

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



DB6F89



FF698D



C0DB6F



6E6365



AD002A

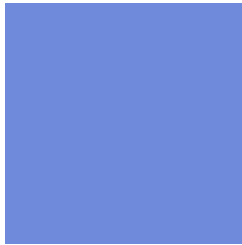


2E000B



# Previews

## White Background



This preview shows how the Hex color 6F89DB looks on a white background.

## Color Contrast Check

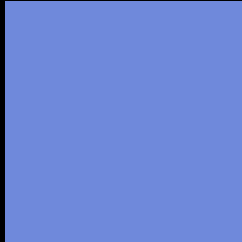
Large Text (above 18pt) WCAG AA ✓ Pass

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 6F89DB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

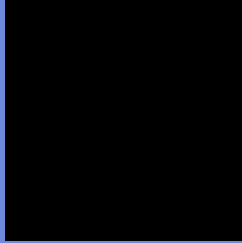
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6F89DB Background



This preview shows how black text looks on a background with the Hex color 6F89DB.



This preview shows how white text looks on a background with the Hex color 6F89DB.

# 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**  
6F89DB

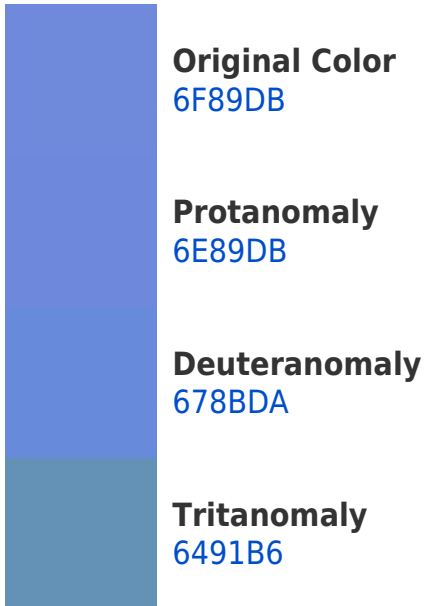
**Protanopia**  
6E89DB

**Deuteranopia**  
638CDA

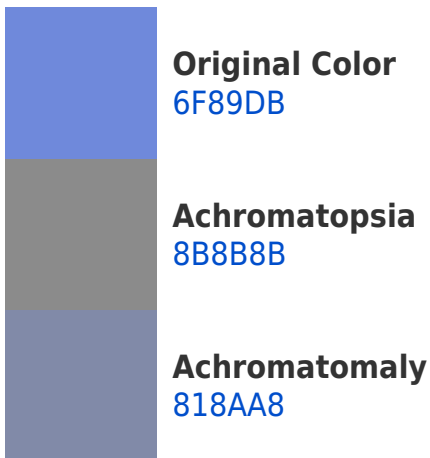


**Tritanopia**  
5D95A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F89DB 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 #6F89DB looks like.

```
.text, #text, p{  
    color:#6F89DB  
}
```

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 #6F89DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F89DB
}
```

## Border

The CSS property to change the border of an element to Hex 6F89DB 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".

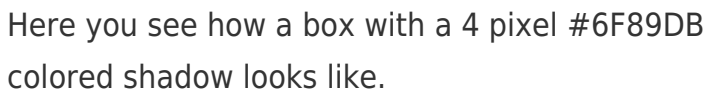
```
.border, #border, table{ border:4px solid
#6F89DB }
```

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

```
.border{ border-color:#6F89DB }
```

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

Here you see how a box with a 4 pixel #6F89DB colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F89DB; -webkit-box-shadow:4px 4px  
4px 4px #6F89DB; box-shadow:4px 4px 4px  
4px #6F89DB }
```

# Background

The CSS property to change the background color of an element to Hex 6F89DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F89DB }
```

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

```
.background{ background-color:#6F89DB }
```

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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