

# Converting Colors

Hex(6D78DF)

Have a look what the booklet for  
Hex(6D78DF) contains.

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# Color

**Hex(6D78DF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D78DF
RGB	109, 120, 223
RGB Percent	43%, 47%, 87%
CMY	0.5725, 0.5294, 0.1255
CMYK	0.51, 0.46, 0.00, 0.13
HSL	234°, 64%, 65%
HSV	234°, 51%, 87%
XYZ	26.3424, 22.0119, 72.6724
YIQ	128.4530, -39.6190, 29.7010

# Conversions

## Conversions Part 2

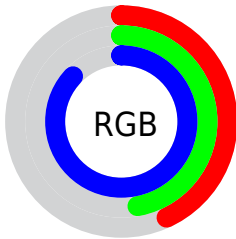
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">109, 119, 223</a>
Decimal	<a href="#">7174367</a>
CIELab	<a href="#">54.04, 24.10, -54.03</a>
CIELCh	<a href="#">54, 59.156, 294.040</a>
Yxy	<a href="#">22.0119, 0.2177, 0.1819</a>
Android (android.graphics.Color)	<a href="#">4285364447 (0xFF6D78DF)</a>
YUV	<a href="#">128.4530, 46.6117, -17.0603</a>
Hunter-Lab	<a href="#">46.9168, 18.1182, -58.9962</a>

# Details

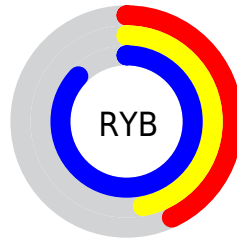
The Hex color **6D78DF** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **DFD46D**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **A7ACFF**, and **2F48A7** is the 20% darker color. If you saturate the color by 10%, you get **5764DF**, and if you desaturate by 10%, it is **838CDF**.

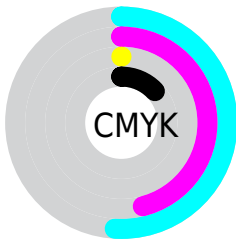
# Distribution



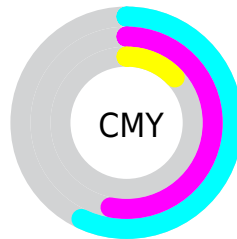
- Red (43%)
- Green (47%)
- Blue (87%)



- Red (43%)
- Yellow (47%)
- Blue (87%)



- Cyan (51%)
- Magenta (46%)
- Yellow (0%)
- Black (13%)



- Cyan (57%)
- Magenta (53%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D78DF 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 6D78DF by changing the saturation by 10% instead.



■ 6D78DF

■ 6D78DF

FFFFFF

■ 505FC3

■ A7ACFF

■ 2F48A7

■ C4C7FF

■ 00328C

■ E1E3FF

■ 001D72

■ 000859

■ 000741

■ 00032A

■ 000114

■ 000000

■ 6D78DF

■ 6D78DF

■ 5764DF

■ 838CDF

■ 4050DF

■ 9AA0DF

■ 2A3CDF

■ B0B4DF

■ 1427DF

■ C6C9DF

■ 0016DF

■ DCDDDF

■ F3F1DF

■ FFFFDF

# Harmonies

## Analogous

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



008AE7



6D78DF



B561BE

# Triad

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



6D78DF



C8662E



009875

# Complementary

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



6D78DF



DFD46D

# 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.



299441



6D78DF



A37B05

# Square

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



6D78DF



DB535B



728B14



0099A9

# Rectangle

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



6D78DF



CF539F



728B14



009763



# Sweetspot

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



6D78DF



D9DCFF



6DDFD4



696B80



000000



808080



# Same Dimension

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



6D78DF



6372FF



9B6DDF



656670



0011B0



000530



# Inverse Universe

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



DF6D78



FF6372



B1DF6D



706566



B00011

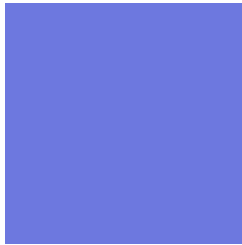


300005



# Previews

## White Background



This preview shows how the Hex color 6D78DF 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



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

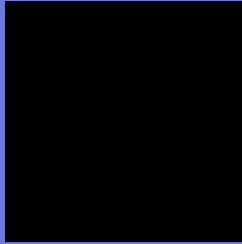
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6D78DF Background



This preview shows how black text looks on a background with the Hex color 6D78DF.

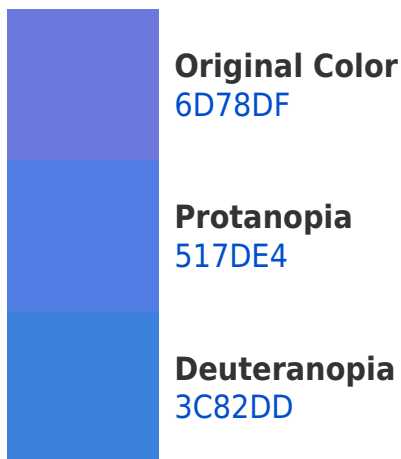


This preview shows how white text looks on a background with the Hex color 6D78DF.

# 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](#).

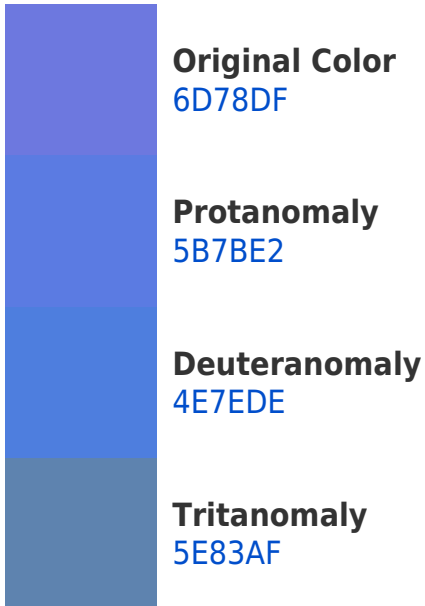
## Dichromacy



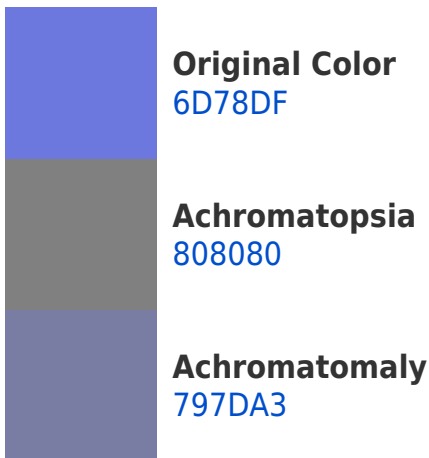


**Tritanopia**  
558994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D78DF 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 #6D78DF looks like.

```
.text, #text, p{  
  color:#6D78DF  
}
```

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 #6D78DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D78DF
}
```

## Border

The CSS property to change the border of an element to Hex 6D78DF 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
#6D78DF }
```

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

```
.border{ border-color:#6D78DF }
```

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

Here you see how a box with a 4 pixel #6D78DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D78DF; -webkit-box-shadow:4px 4px  
4px 4px #6D78DF; box-shadow:4px 4px 4px  
4px #6D78DF }
```

# Background

The CSS property to change the background color of an element to Hex 6D78DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D78DF }
```

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

```
.background{ background-color:#6D78DF }
```

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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