

Converting Colors

Hex(6D70FB)

Have a look what the booklet for
Hex(6D70FB) contains.

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Color

Hex(6D70FB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 6D70FB |
| RGB | 109, 112, 251 |
| RGB Percent | 43%, 44%, 98% |
| CMY | 0.5725, 0.5608, 0.0157 |
| CMYK | 0.57, 0.55, 0.00, 0.02 |
| HSL | 239°, 95%, 71% |
| HSV | 239°, 57%, 98% |
| XYZ | 29.5134, 21.8046, 93.9200 |
| YIQ | 126.9490, -46.4070, 42.5930 |

Conversions

Conversions Part 2

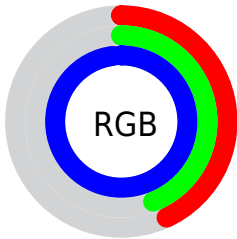
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 109, 112, 251 |
| Decimal | 7172347 |
| CIE Lab | 53.82, 37.64, -70.01 |
| CIE LCh | 54, 79.482, 298.264 |
| Yxy | 21.8046, 0.2032, 0.1501 |
| Android (android.graphics.Color) | 4285362427 (0xFF6D70FB) |
| YUV | 126.9490, 61.1571, -15.7413 |
| Hunter-Lab | 46.6954, 31.1025, -86.5652 |

Details

The Hex color **6D70FB** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **FBF86D**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **AAA4FF**, and **2340C1** is the 20% darker color. If you saturate the color by 10%, you get **5457FB**, and if you desaturate by 10%, it is **8689FB**.

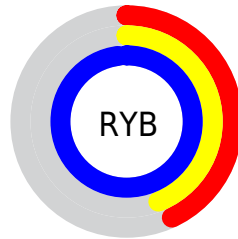
Distribution



Red (43%)

Green (44%)

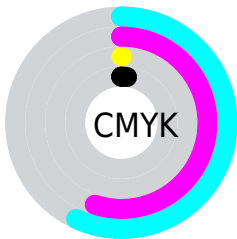
Blue (98%)



Red (43%)

Yellow (44%)

Blue (98%)

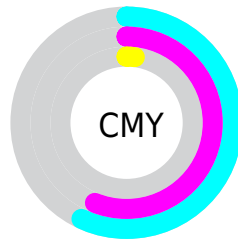


Cyan (57%)

Magenta (55%)

Yellow (0%)

Black (2%)



Cyan (57%)

Magenta (56%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D70FB 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 6D70FB by changing the saturation by 10% instead.

 6D70FB

 6D70FB

FFFFFF

 4C58DE

 AAA4FF

 2340C1

 C9BFFF

 002AA6

 E7DBFF

 00168A

 FFF7FF

 000270

 000457

 00063E

 000328

 000111

■ 6D70FB

■ 6D70FB

■ 5457FB

■ 8689FB

■ 3B3FFB

■ 9FA1FB

■ 2226FB

■ B8BAFB

■ 090EFB

■ D1D2FB

■ 0005FB

■ EAEBFB

■ FFFFFB

Harmonies

Analogous

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



008BFF



6D70FB



CD48CA

Triad

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



6D70FB



D25F00



009D7A

Complementary

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



6D70FB



FBF86D

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.



009931



6D70FB



9F7D00

Square

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



6D70FB



F23544



5C8F00



009ECO

Rectangle

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



6D70FB



EB2A9F



5C8F00



009C62

Sweetspot

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



6D70FB



D4D5FF



6DFBF6



666780



000000



808080

Same Dimension

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



6D70FB



5255FF



AF6DFB



70717D



0004BD



00013D

Inverse Universe

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



FB6D70



FF5255



B9FB6D



7D7071



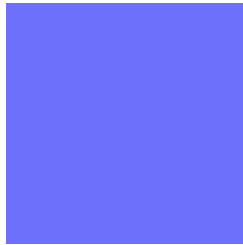
BD0004



3D0001

Previews

White Background



This preview shows how the Hex color 6D70FB looks on a white background.

Color Contrast Check

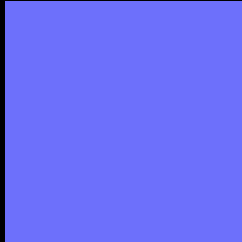
Large Text (above 18pt) WCAG AA ✓ Pass

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 6D70FB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

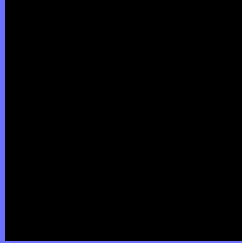
Any Text WCAG AA ✓ Pass

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 6D70FB Background



This preview shows how black text looks on a background with the Hex color 6D70FB.



This preview shows how white text looks on a background with the Hex color 6D70FB.

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](#).

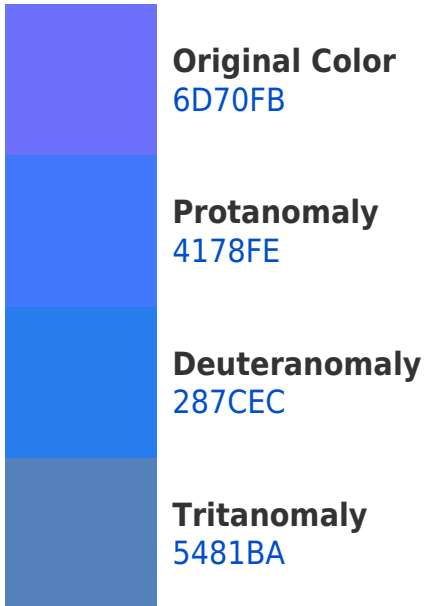
Dichromacy



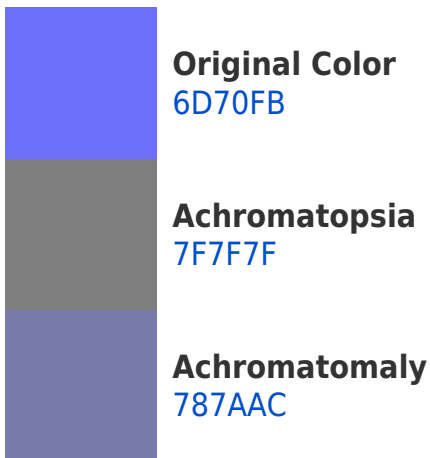


Tritanopia
468A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6D70FB 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 #6D70FB looks like.

```
.text, #text, p{  
    color:#6D70FB  
}
```

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 #6D70FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D70FB
}
```

Border

The CSS property to change the border of an element to Hex 6D70FB is called "border". The border property can be set on classes, ids or directly on the HTML element.

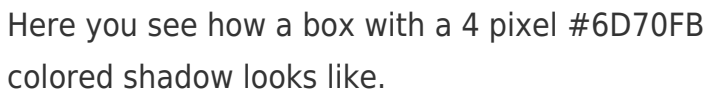
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D70FB }
```

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

```
.border{ border-color:#6D70FB }
```

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



Here you see how a box with a 4 pixel #6D70FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D70FB; -webkit-box-shadow:4px 4px  
4px 4px #6D70FB; box-shadow:4px 4px 4px  
4px #6D70FB }
```

Background

The CSS property to change the background color of an element to Hex 6D70FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D70FB }
```

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

```
.background{ background-color:#6D70FB }
```

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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