

Converting Colors

Hex(6D3CFF)

Have a look what the booklet for
Hex(6D3CFF) contains.

| | |
|--|----|
| Hex(6D3CFF) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(6D3CFF)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 6D3CFF |
| RGB | 109, 60, 255 |
| RGB Percent | 43%, 24%, 100% |
| CMY | 0.5725, 0.7647, 0.0000 |
| CMYK | 0.57, 0.76, 0.00, 0.00 |
| HSL | 255°, 100%, 62% |
| HSV | 255°, 76%, 100% |
| XYZ | 25.9725, 13.7029, 95.8838 |
| YIQ | 96.8810, -33.3910, 71.0330 |

Conversions

Conversions Part 2

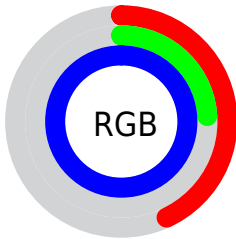
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 109, 60, 255 |
| Decimal | 7159039 |
| CIE _{Lab} | 43.80, 66.69, -88.59 |
| CIE _{LCh} | 44, 110.884, 306.970 |
| Y _{xy} | 13.7029, 0.1916, 0.1011 |
| Android (android.graphics.Color) | 4285349119 (0xFF6D3CFF) |
| YUV | 96.8810, 77.9527, 10.6284 |
| Hunter-Lab | 37.0175, 60.4602, -127.6625 |

Details

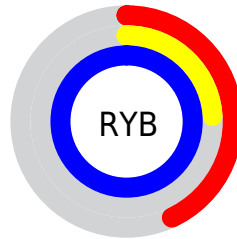
The Hex color **6D3CFF** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **CEFF3C**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **AE71FF**, and **1500C5** is the 20% darker color. If you saturate the color by 10%, you get **5A22FF**, and if you desaturate by 10%, it is **8056FF**.

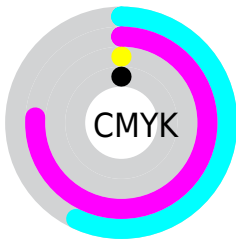
Distribution



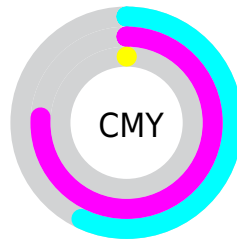
- Red (43%)
- Green (24%)
- Blue (100%)



- Red (43%)
- Yellow (24%)
- Blue (100%)



- Cyan (57%)
- Magenta (76%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (76%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D3CFF 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 6D3CFF by changing the saturation by 10% instead.

 6D3CFF

 6D3CFF

FFFFFF

 4920E2

 AE71FF

 1500C5

 CD8CFF

 0000A9

 ECA8FF

 00008D

 FFC4FF

 000072

 FFE1FF

 000D59

FFFEFF

 000740

 000329

 000113

■ 6D3CFF

■ 6D3CFF

■ 5A22FF

■ 8056FF

■ 4709FF

■ 936FFF

■ 4000FF

■ A689FF

■ B9A2FF

■ CCBCFF

■ E0D5FF

■ F3EFFF

FFFFFF

Harmonies

Analogous

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



0071FF



6D3CFF



DD00B2

Triad

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



6D3CFF



B54300



00877C

Complementary

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



6D3CFF



CEFF3C

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.



00840E



6D3CFF



6C6C00

Square

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



6D3CFF



E80000



007D00



0089D7

Rectangle

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



6D3CFF



F80075



007D00



00865B

Sweetspot

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



6D3CFF



D3C4FF



3CCEFF



655C80



000000



808080

Same Dimension

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



6D3CFF



4F14FF



CE3CFF



767380



3000BF



100040

Inverse Universe

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



FF3CCE



FF14C4



6DFF3C



80737C



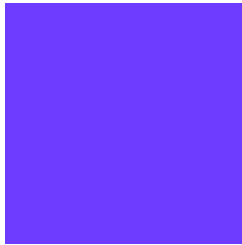
BF008F



400030

Previews

White Background



This preview shows how the Hex color 6D3CFF looks on a white background.

Color Contrast Check

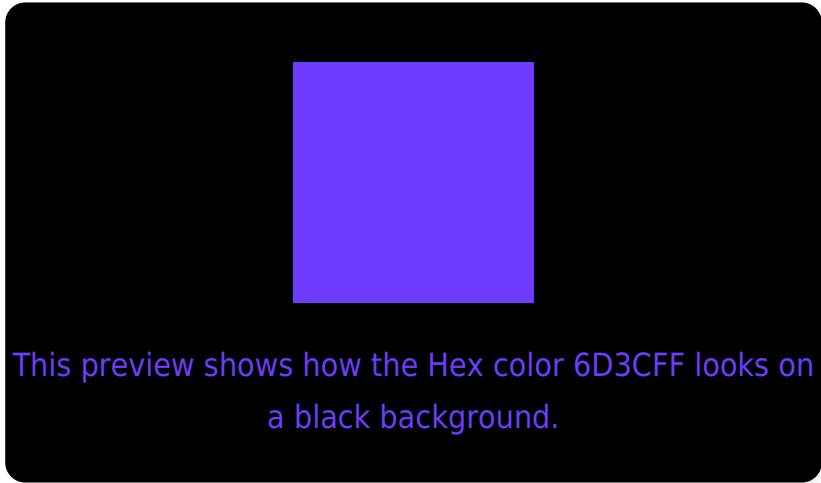
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 6D3CFF Background



This preview shows how black text looks on a background with the Hex color 6D3CFF.

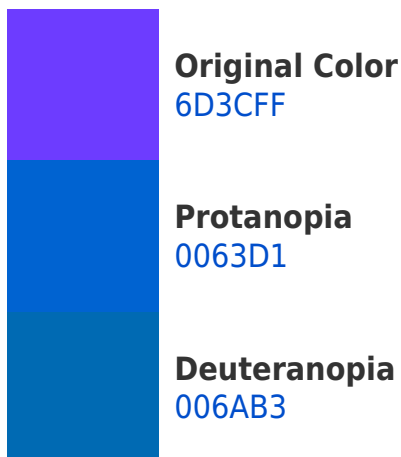


This preview shows how white text looks on a background with the Hex color 6D3CFF.

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](#).

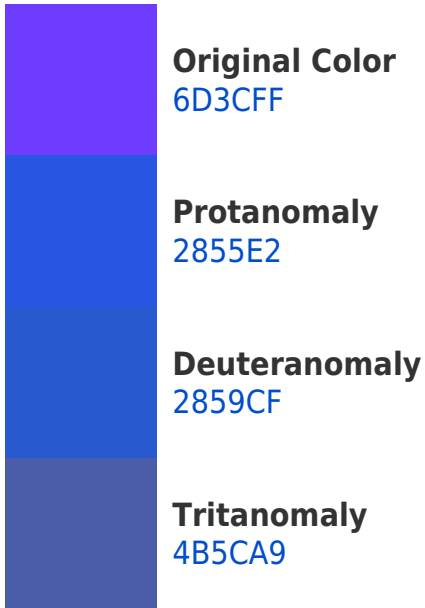
Dichromacy



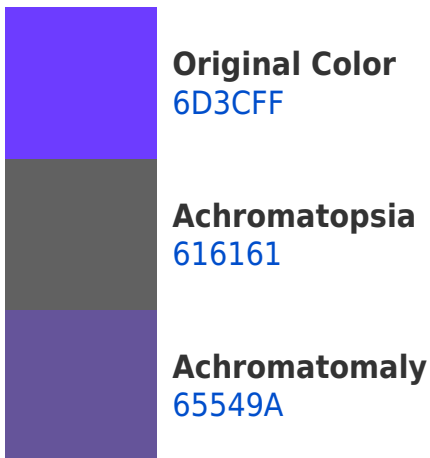


Tritanopia
386F78

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6D3CFF 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 #6D3CFF looks like.

```
.text, #text, p{  
    color:#6D3CFF  
}
```

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 #6D3CFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D3CFF
}
```

Border

The CSS property to change the border of an element to Hex 6D3CFF 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
#6D3CFF }
```

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

```
.border{ border-color:#6D3CFF }
```

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

Here you see how a box with a 4 pixel #6D3CFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D3CFF; -webkit-box-shadow:4px 4px  
4px 4px #6D3CFF; box-shadow:4px 4px 4px  
4px #6D3CFF }
```

Background

The CSS property to change the background color of an element to Hex 6D3CFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D3CFF }
```

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

```
.background{ background-color:#6D3CFF }
```

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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