

Converting Colors

Hex(6D3FDE)

Have a look what the booklet for
Hex(6D3FDE) contains.

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Color

Hex(6D3FDE)

Conversions

Conversions Part 1

Format	Color
Hex	6D3FDE
RGB	109, 63, 222
RGB Percent	43%, 25%, 87%
CMY	0.5725, 0.7529, 0.1294
CMYK	0.51, 0.72, 0.00, 0.13
HSL	257°, 71%, 56%
HSV	257°, 72%, 87%
XYZ	21.2690, 12.0802, 70.3179
YIQ	94.8800, -23.6230, 59.2010

Conversions

Conversions Part 2

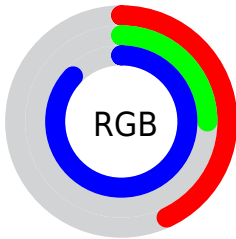
Format	Color
R_{YB}	109, 63, 222
Decimal	7159774
CIE Lab	41.34, 56.39, -74.01
CIE LCh	41, 93.041, 307.304
Yxy	12.0802, 0.2052, 0.1165
Android (android.graphics.Color)	4285349854 (0xFF6D3FDE)
YUV	94.8800, 62.6702, 12.3832
Hunter-Lab	34.7565, 48.4079, -95.6235

Details

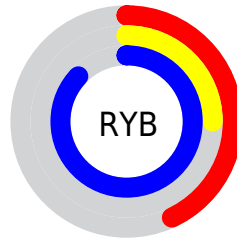
The Hex color **6D3FDE** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **B0DE3F**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **A973FF**, and **2906A6** is the 20% darker color. If you saturate the color by 10%, you get **5D29DE**, and if you desaturate by 10%, it is **7D55DE**.

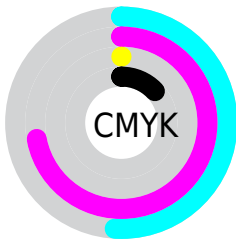
Distribution



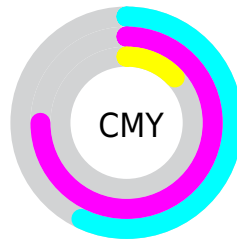
- Red (43%)
- Green (25%)
- Blue (87%)



- Red (43%)
- Yellow (25%)
- Blue (87%)



- Cyan (51%)
- Magenta (72%)
- Yellow (0%)
- Black (13%)



- Cyan (57%)
- Magenta (75%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D3FDE 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 6D3FDE by changing the saturation by 10% instead.

 6D3FDE

 6D3FDE

FFFFFF

 4D25C1

 A973FF

 2906A6

 C78DFF

 00008A

 E6A8FF

 000070

 FFC4FF

 000056

 FFE1FF

 00063E

FFFEFF

 000327

 000111

 000000

 6D3FDE

 6D3FDE

 5D29DE

 7D55DE

 4D13DE

 8D6BDE

 4000DE

 9C82DE

 AC98DE

 BCAEDE

 CCC4DE

 DBDADE

 EBF1DE

 FBFFDE

Harmonies

Analogous

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



0068FE



6D3FDE



C5009E

Triad

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



6D3FDE



A44500



007E73

Complementary

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



6D3FDE



B0DE3F

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.



007B1E



6D3FDE



676500

Square

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



6D3FDE



CF0001



007400



007EBE

Rectangle

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



6D3FDE



DB006C



007400



007D58

Sweetspot

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



6D3FDE



D9C9FF



3FB1DE



696080



000000



808080

Same Dimension

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



6D3FDE



6324FF



BC3FDE



686570



3300B0



0E0030

Inverse Universe

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



DE3FB0



FF24C0



61DE3F



70656D



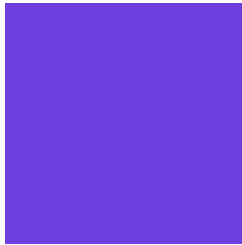
B0007D



300022

Previews

White Background



This preview shows how the Hex color 6D3FDE looks on a white background.

Color Contrast Check

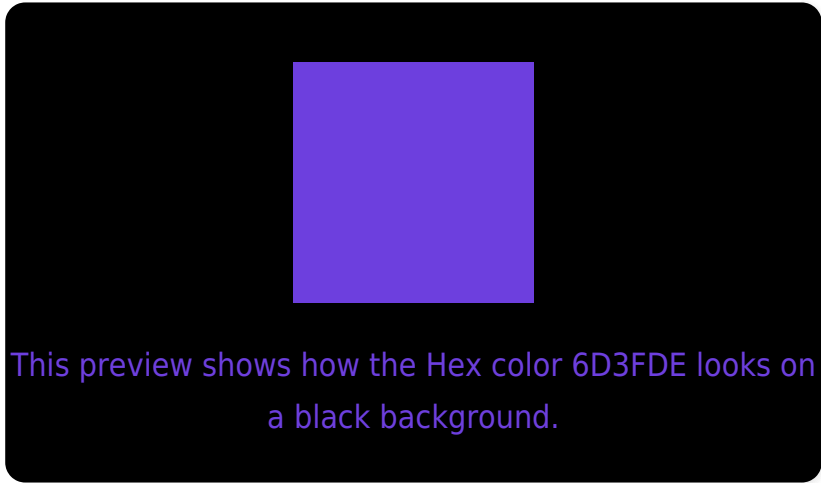
Large Text (above 18pt) WCAG AA ✓ Pass

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

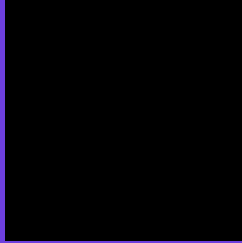
Any Text WCAG AA × Fail

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 6D3FDE Background



This preview shows how black text looks on a background with the Hex color 6D3FDE.

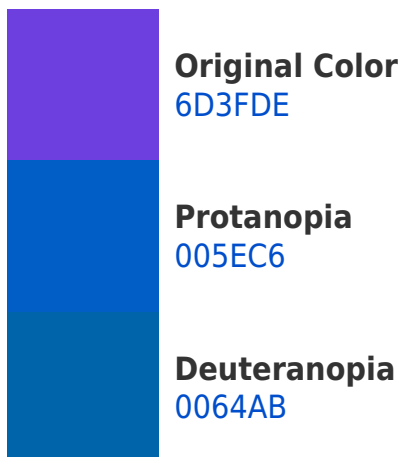


This preview shows how white text looks on a background with the Hex color 6D3FDE.

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
4B656E

Trichromacy



Original Color
6D3FDE



Protanomaly
2853CF



Deuteranomaly
2857BE



Tritanomaly
575797

Monochromacy



Original Color
6D3FDE



Achromatopsia
5F5F5F



Achromatomaly
64538D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D3FDE 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 #6D3FDE looks like.

```
.text, #text, p{  
  color:#6D3FDE  
}
```

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 #6D3FDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D3FDE
}
```

Border

The CSS property to change the border of an element to Hex 6D3FDE is called "border". The border property can be set on classes, ids or directly on the HTML element.

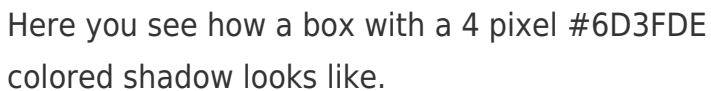
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D3FDE }
```

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

```
.border{ border-color:#6D3FDE }
```

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



Here you see how a box with a 4 pixel #6D3FDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D3FDE; -webkit-box-shadow:4px 4px  
4px 4px #6D3FDE; box-shadow:4px 4px 4px  
4px #6D3FDE }
```

Background

The CSS property to change the background color of an element to Hex 6D3FDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D3FDE }
```

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

```
.background{ background-color:#6D3FDE }
```

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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