

Converting Colors

Hex(6D1FDE)

Have a look what the booklet for
Hex(6D1FDE) contains.

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Color

Hex(6D1FDE)

Conversions

Conversions Part 1

Format	Color
Hex	6D1FDE
RGB	109, 31, 222
RGB Percent	43%, 12%, 87%
CMY	0.5725, 0.8784, 0.1294
CMYK	0.51, 0.86, 0.00, 0.13
HSL	265°, 75%, 50%
HSV	265°, 86%, 87%
XYZ	19.9815, 9.5051, 69.8888
YIQ	76.0960, -14.8230, 75.9370

Conversions

Conversions Part 2

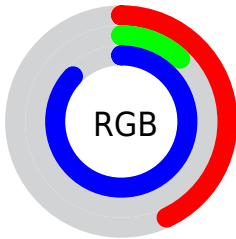
Format	Color
R_{YB}	109, 31, 222
Decimal	7151582
CIE _{Lab}	36.94, 69.12, -81.25
CIE _{LCh}	37, 106.670, 310.388
Yxy	9.5051, 0.2011, 0.0956
Android (android.graphics.Color)	4285341662 (0xFF6D1FDE)
YUV	76.0960, 71.9307, 28.8568
Hunter-Lab	30.8304, 61.7346, -112.8222

Details

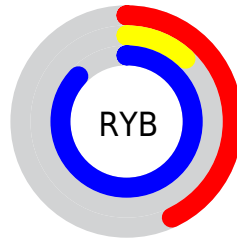
The Hex color **6D1FDE** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **90DE1F**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **AB59FF**, and **2500A5** is the 20% darker color. If you saturate the color by 10%, you get **6009DE**, and if you desaturate by 10%, it is **7A35DE**.

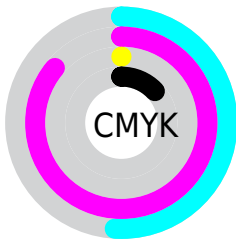
Distribution



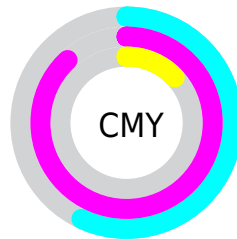
- Red (43%)
- Green (12%)
- Blue (87%)



- Red (43%)
- Yellow (12%)
- Blue (87%)



- Cyan (51%)
- Magenta (86%)
- Yellow (0%)
- Black (13%)



- Cyan (57%)
- Magenta (88%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D1FDE 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 6D1FDE by changing the saturation by 10% instead.

 6D1FDE

 6D1FDE

FFFFFF

 4C00C1

 AB59FF

 2500A5

 C975FF

 00008A

 E890FF

 000070

 FFACFF

 000256

 FFC9FF

 00063D

 FFE6FF

 000327

 000110

 000000

 6D1FDE

 6D1FDE

 6009DE

 7A35DE

 5B00DE

 874BDE

 9462DE

 A278DE

 AF8EDE

 BCA4DE

 C9BADE

 D6D1DE

 E3E7DE

Harmonies

Analogous

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



005DFF



6D1FDE



CA0093

Triad

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



6D1FDE



963A00



007374

Complementary

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



6D1FDE



90DE1F

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.



007112



6D1FDE



4F5E00

Square

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



6D1FDE



C90000



006C00



0075C8

Rectangle

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



6D1FDE



DE005A



006C00



007256

Sweetspot

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



6D1FDE



D8BDFF



1F92DE



685880



000000



808080

Same Dimension

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



6D1FDE



6800FF



CB1FDE



6A6570



4800B0



140030

Inverse Universe

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



DE1F90



FF0097



32DE1F



70656C



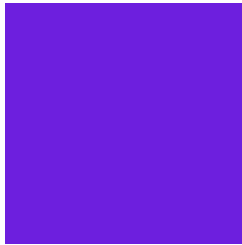
B00068



30001D

Previews

White Background



This preview shows how the Hex color 6D1FDE looks on a white background.

Color Contrast Check

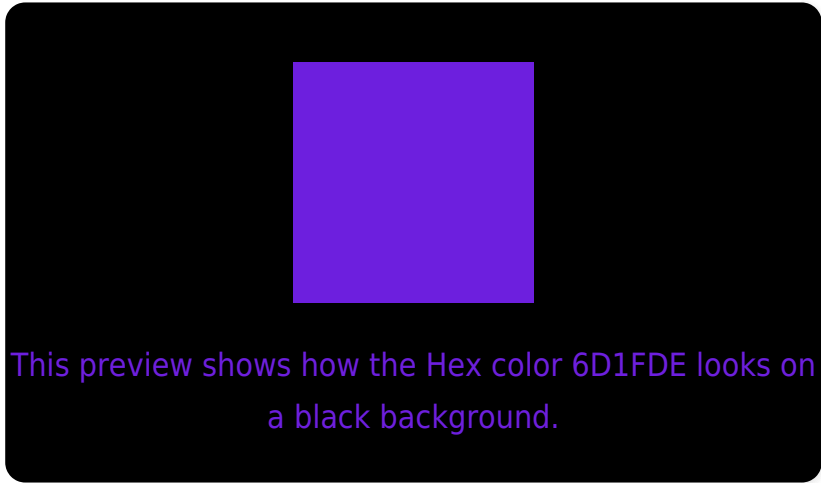
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

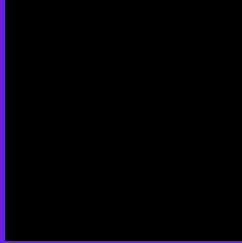
Any Text WCAG AA × Fail

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 6D1FDE Background



This preview shows how black text looks on a background with the Hex color 6D1FDE.

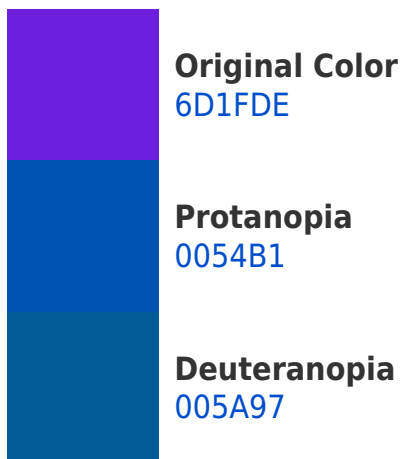


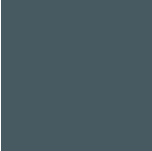
This preview shows how white text looks on a background with the Hex color 6D1FDE.

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](#).

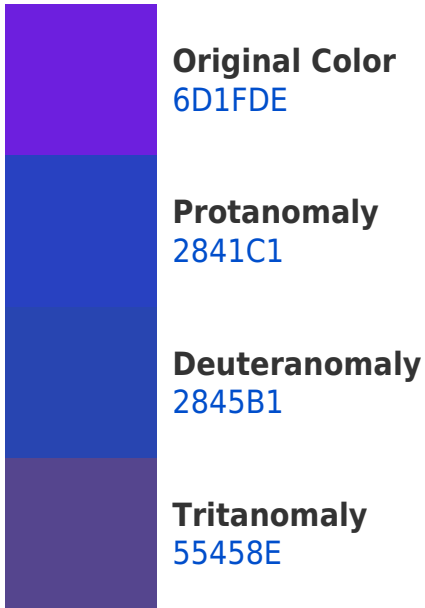
Dichromacy





Tritanopia
485A61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6D1FDE 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 #6D1FDE looks like.

```
.text, #text, p{  
    color:#6D1FDE  
}
```

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 #6D1FDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D1FDE
}
```

Border

The CSS property to change the border of an element to Hex 6D1FDE 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".

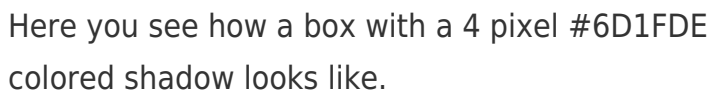
```
.border, #border, table{ border:4px solid
#6D1FDE }
```

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

```
.border{ border-color:#6D1FDE }
```

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

Here you see how a box with a 4 pixel #6D1FDE colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The shadow is visible on the right and bottom edges of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #6D1FDE colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D1FDE; -webkit-box-shadow:4px 4px  
4px 4px #6D1FDE; box-shadow:4px 4px 4px  
4px #6D1FDE }
```

Background

The CSS property to change the background color of an element to Hex 6D1FDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D1FDE }
```

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

```
.background{ background-color:#6D1FDE }
```

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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