

Converting Colors

Hex(6D7FDA)

Have a look what the booklet for
Hex(6D7FDA) contains.

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Color

Hex(6D7FDA)

Conversions

Conversions Part 1

Format	Color
Hex	6D7FDA
RGB	109, 127, 218
RGB Percent	43%, 50%, 85%
CMY	0.5725, 0.5020, 0.1451
CMYK	0.50, 0.42, 0.00, 0.15
HSL	230°, 60%, 64%
HSV	230°, 50%, 85%
XYZ	26.5509, 23.4919, 69.4647
YIQ	131.9920, -39.9390, 24.4850

Conversions

Conversions Part 2

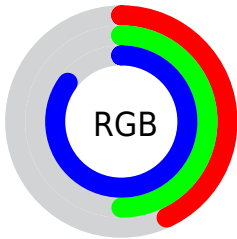
Format	Color
R _Y B	109, 124, 218
Decimal	7176154
CIE Lab	55.58, 18.34, -48.77
CIE LCh	56, 52.100, 290.607
Yxy	23.4919, 0.2222, 0.1966
Android (android.graphics.Color)	4285366234 (0xFF6D7FDA)
YUV	131.9920, 42.4019, -20.1640
Hunter-Lab	48.4685, 12.9622, -51.0461

Details

The Hex color **6D7FDA** is a dark color, and the websafe version is hex **6699FF**. A complement of this color would be **DAC86D**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **A6B3FF**, and **314EA2** is the 20% darker color. If you saturate the color by 10%, you get **576DDA**, and if you desaturate by 10%, it is **8391DA**.

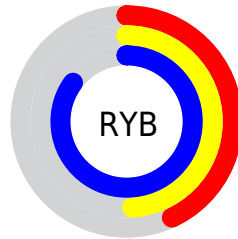
Distribution



Red (43%)

Green (50%)

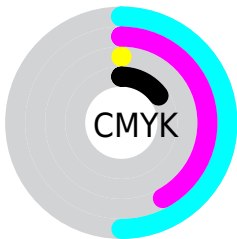
Blue (85%)



Red (43%)

Yellow (49%)

Blue (85%)

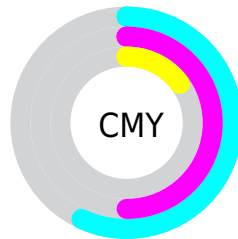


Cyan (50%)

Magenta (42%)

Yellow (0%)

Black (15%)



Cyan (57%)

Magenta (50%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D7FDA 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 6D7FDA by changing the saturation by 10% instead.

■ 6D7FDA

■ 6D7FDA

FFFFFF

■ 5066BE

■ A6B3FF

■ 314EA2

■ C3CFFF

■ 023888

■ E0EBFF

■ 00236E

FEFFFF

■ 001055

■ 00063D

■ 000326

■ 00010F

■ 000000

■ 6D7FDA

■ 6D7FDA

■ 576DDA

■ 8391DA

■ 415BDA

■ 99A3DA

■ 2C48DA

■ AEB6DA

■ 1636DA

■ C4C8DA

■ 0024DA

■ DADADA

■ F0ECDA

■ FFFEDA

■ FFFFDA

Harmonies

Analogous

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



008EDE



6D7FDA



AE6CBF

Triad

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



6D7FDA



C96C40



009A75

Complementary

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



6D7FDA



DAC86D

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.



489549



6D7FDA



A97E26

Square

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



6D7FDA



D85E68



7F8C29



009BA4

Rectangle

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



6D7FDA



C861A4



7F8C29



009965

Sweetspot

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



6D7FDA



D9DFFF



6DDAC8



696C80



000000



808080

Same Dimension

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



6D7FDA



667FFF



916DDA



63646E



001DAD



00082E

Inverse Universe

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



DA6D7F



FF667F



B6DA6D



6E6364



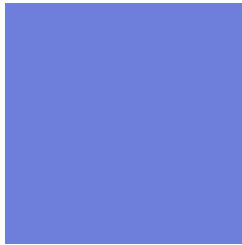
AD001D



2E0008

Previews

White Background



This preview shows how the Hex color 6D7FDA looks on a white background.

Color Contrast Check

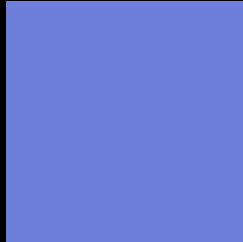
Large Text (above 18pt) WCAG AA ✓ Pass

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 6D7FDA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

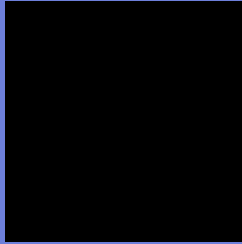
Any Text WCAG AA ✓ Pass

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 6D7FDA Background



This preview shows how black text looks on a background with the Hex color 6D7FDA.

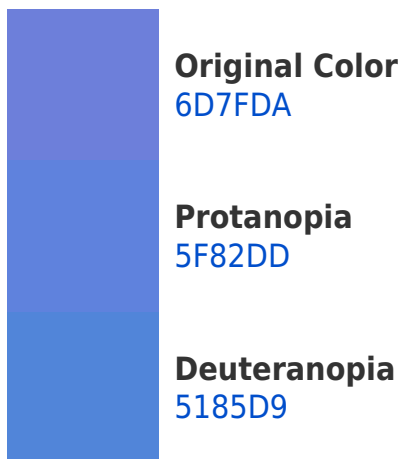


This preview shows how white text looks on a background with the Hex color 6D7FDA.

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](#).

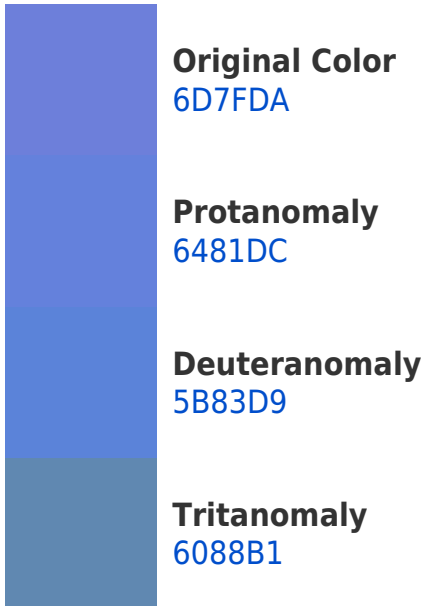
Dichromacy



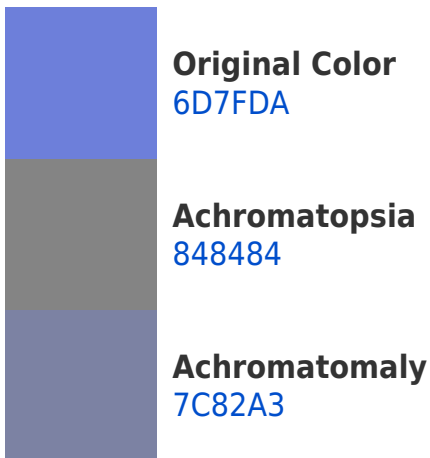


Tritanopia
588D99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6D7FDA 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 #6D7FDA looks like.

```
.text, #text, p{  
    color:#6D7FDA  
}
```

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 #6D7FDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D7FDA
}
```

Border

The CSS property to change the border of an element to Hex 6D7FDA 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
#6D7FDA }
```

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

```
.border{ border-color:#6D7FDA }
```

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

Here you see how a box with a 4 pixel #6D7FDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D7FDA; -webkit-box-shadow:4px 4px  
4px 4px #6D7FDA; box-shadow:4px 4px 4px  
4px #6D7FDA }
```

Background

The CSS property to change the background color of an element to Hex 6D7FDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D7FDA }
```

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

```
.background{ background-color:#6D7FDA }
```

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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