

Converting Colors

Hex(6D70D1)

Have a look what the booklet for
Hex(6D70D1) contains.

Hex(6D70D1)	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(6D70D1)

Conversions

Conversions Part 1

Format	Color
Hex	6D70D1
RGB	109, 112, 209
RGB Percent	43%, 44%, 82%
CMY	0.5725, 0.5608, 0.1804
CMYK	0.48, 0.46, 0.00, 0.18
HSL	238°, 52%, 62%
HSV	238°, 48%, 82%
XYZ	23.6095, 19.4430, 62.8301
YIQ	122.1610, -32.9250, 29.5310

Conversions

Conversions Part 2

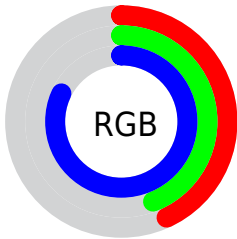
Format	Color
RYB	109, 112, 209
Decimal	7172305
CIELab	51.20, 24.64, -50.64
CIELCh	51, 56.320, 295.949
Yxy	19.4430, 0.2230, 0.1836
Android (android.graphics.Color)	4285362385 (0xFF6D70D1)
YUV	122.1610, 42.8116, -11.5422
Hunter-Lab	44.0942, 18.4098, -53.6167

Details

The Hex color **6D70D1** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **D1CE6D**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **A6A4FF**, and **33409A** is the 20% darker color. If you saturate the color by 10%, you get **585CD1**, and if you desaturate by 10%, it is **8284D1**.

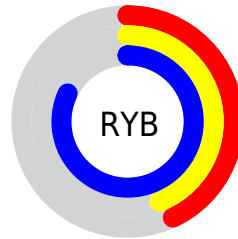
Distribution



Red (43%)

Green (44%)

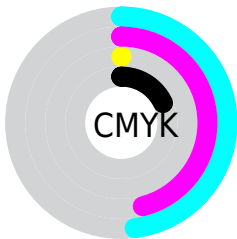
Blue (82%)



Red (43%)

Yellow (44%)

Blue (82%)

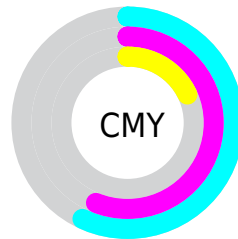


Cyan (48%)

Magenta (46%)

Yellow (0%)

Black (18%)



Cyan (57%)

Magenta (56%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D70D1 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 6D70D1 by changing the saturation by 10% instead.

■ 6D70D1

■ 6D70D1

FFFFFF

■ 5158B5

■ A6A4FF

■ 33409A

■ C2BFFF

■ 092B7F

■ E0DBFF

■ 001766

■ FDF7FF

■ 00004D

■ 000535

■ 00021F

■ 000002

■ 000000

■ 6D70D1

■ 6D70D1

■ 585CD1

■ 8284D1

■ 4347D1

■ 9799D1

■ 2E33D1

■ ACADD1

■ 191FD1

■ C1C1D1

■ 050BD1

■ D5D5D1

■ 0006D1

■ EAEAD1

■ FFFED1

■ FFFF1D1

Harmonies

Analogous

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



0082DA



6D70D1



AE5AB1

Triad

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



6D70D1



BB6229



009072

Complementary

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



6D70D1



D1CE6D

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.



1F8C41



6D70D1



977505

Square

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



6D70D1



CF4F53



698416



0090A3

Rectangle

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



6D70D1



C54E93



698416



008F61

Sweetspot

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



6D70D1



DBDCFF



6DD1CE



6A6A80



000000



808080

Same Dimension

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



6D70D1



6E72FF



9C6DD1



5E5E69



0005A8



000129

Inverse Universe

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



D16D70



FF6E72



A2D16D



695E5E



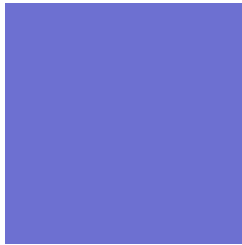
A80005



290001

Previews

White Background



This preview shows how the Hex color 6D70D1 looks on a white background.

Color Contrast Check

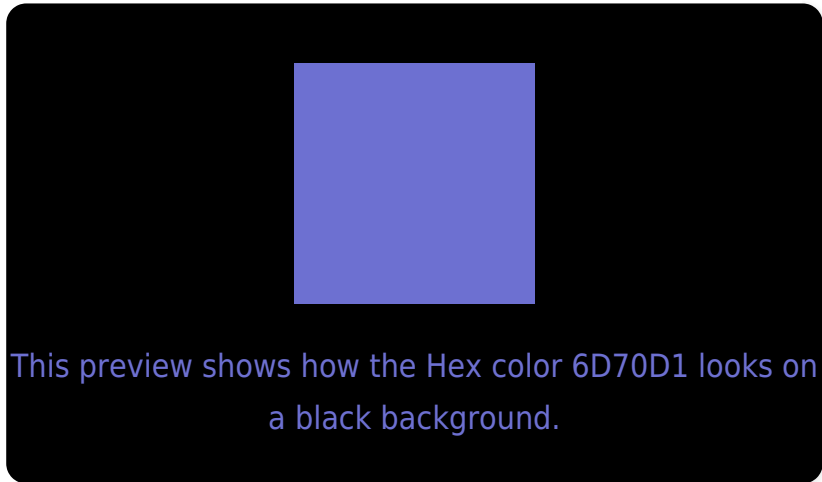
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



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 6D70D1 Background



This preview shows how black text looks on a background with the Hex color 6D70D1.

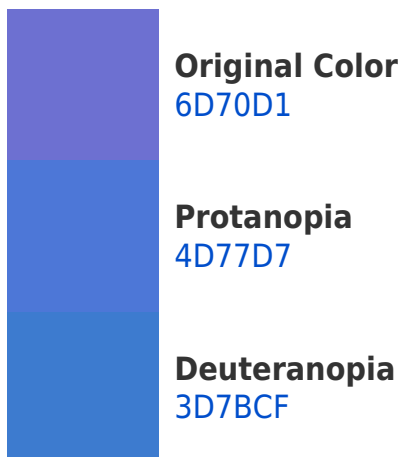


This preview shows how white text looks on a background with the Hex color 6D70D1.

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](#).

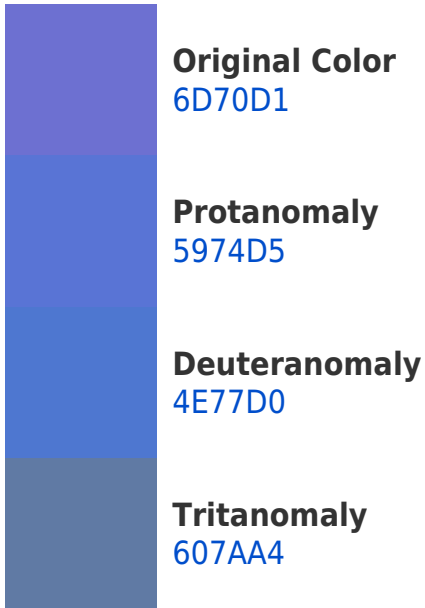
Dichromacy



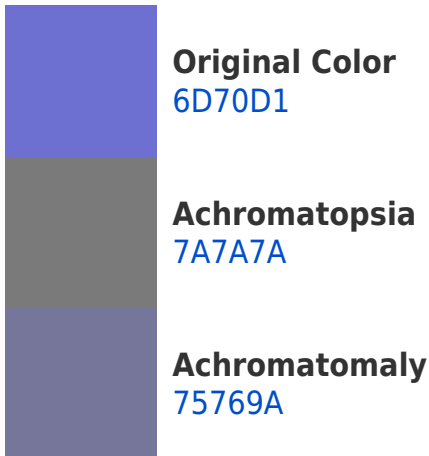


Tritanopia
58808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6D70D1 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 #6D70D1 looks like.

```
.text, #text, p{  
    color:#6D70D1  
}
```

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 #6D70D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D70D1
}
```

Border

The CSS property to change the border of an element to Hex 6D70D1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

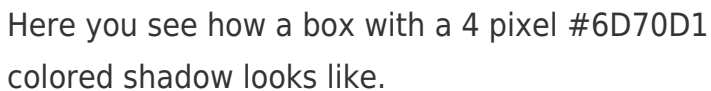
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D70D1 }
```

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

```
.border{ border-color:#6D70D1 }
```

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



Here you see how a box with a 4 pixel #6D70D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D70D1; -webkit-box-shadow:4px 4px  
4px 4px #6D70D1; box-shadow:4px 4px 4px  
4px #6D70D1 }
```

Background

The CSS property to change the background color of an element to Hex 6D70D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D70D1 }
```

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

```
.background{ background-color:#6D70D1 }
```

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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