

Converting Colors

Hex(8070D1)

Have a look what the booklet for
Hex(8070D1) contains.

Hex(8070D1)	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(8070D1)

Conversions

Conversions Part 1

Format	Color
Hex	8070D1
RGB	128, 112, 209
RGB Percent	50%, 44%, 82%
CMY	0.4980, 0.5608, 0.1804
CMYK	0.39, 0.46, 0.00, 0.18
HSL	250°, 51%, 63%
HSV	250°, 46%, 82%
XYZ	26.2049, 20.7810, 62.9516
YIQ	127.8420, -21.6010, 33.5590

Conversions

Conversions Part 2

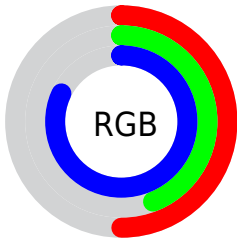
Format	Color
R_{YB}	128, 112, 209
Decimal	8417489
CIE _{Lab}	52.71, 29.27, -48.15
CIE _{LCh}	53, 56.347, 301.291
Yxy	20.7810, 0.2384, 0.1890
Android (android.graphics.Color)	4286607569 (0xFF8070D1)
YUV	127.8420, 40.0109, 0.1386
Hunter-Lab	45.5862, 22.8337, -49.9654

Details

The Hex color **8070D1** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **C1D170**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B8A4FF**, and **49409A** is the 20% darker color. If you saturate the color by 10%, you get **6F5BD1**, and if you desaturate by 10%, it is **9185D1**.

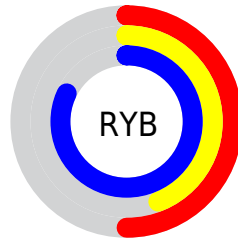
Distribution



Red (50%)

Green (44%)

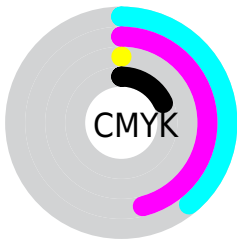
Blue (82%)



Red (50%)

Yellow (44%)

Blue (82%)

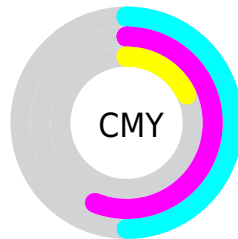


Cyan (39%)

Magenta (46%)

Yellow (0%)

Black (18%)



Cyan (50%)

Magenta (56%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8070D1 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 8070D1 by changing the saturation by 10% instead.

 8070D1

 8070D1

FFFFFF

 6557B5

 B8A4FF

 49409A

 D5BFFF

 2D2A7F

 F2DBFF

 061566

 FFF8FF

 00004D

 000536

 00021F

 000003

 000000

 8070D1

 8070D1

 6F5BD1

 9185D1

 5D46D1

 A39AD1

 4C31D1

 B4AFD1

 3A1CD1

 C6C4D1

 2908D1

 D7D9D1

 2200D1

 E9EDD1

 FAFFD1

 FFFFD1

Harmonies

Analogous

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



0083DF



8070D1



BA5AAD

Triad

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



8070D1



BA6A26



00947E

Complementary

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



8070D1



C1D170

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.



00914D



8070D1



947C0A

Square

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



8070D1



D1564E



638922



0094AF

Rectangle

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



8070D1



CE508E



638922



00946E

Sweetspot

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



8070D1



E1DBFF



70C2D1



6D6A80



000000



808080

Same Dimension

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



8070D1



8870FF



AF70D1



605E69



1C00A8



070029

Inverse Universe

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



D170C1



FF70E7



92D170



695E67



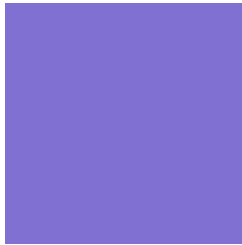
A8008D



290022

Previews

White Background



This preview shows how the Hex color 8070D1 looks on a white background.

Color Contrast Check

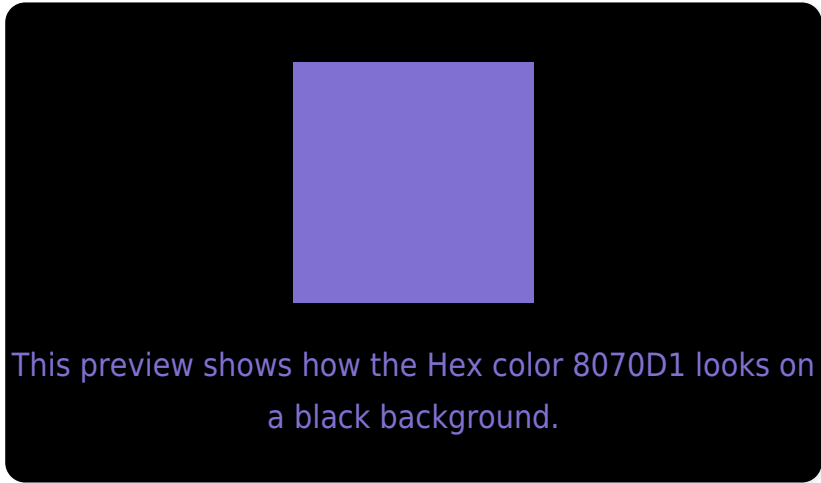
Large Text (above 18pt) WCAG AA ✓ Pass

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

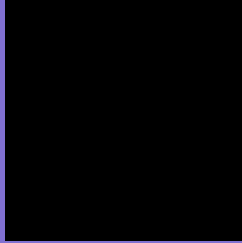
Any Text WCAG AA ✓ Pass

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 8070D1 Background



This preview shows how black text looks on a background with the Hex color 8070D1.

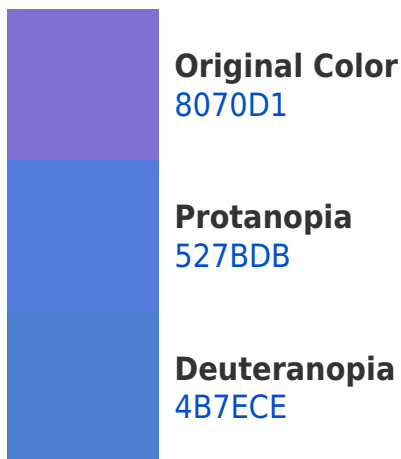


This preview shows how white text looks on a background with the Hex color 8070D1.

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](#).

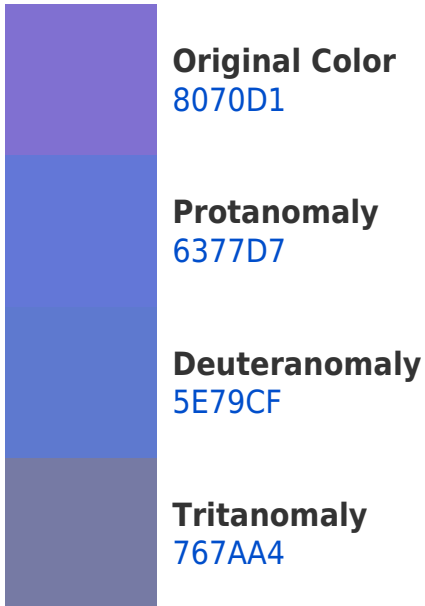
Dichromacy



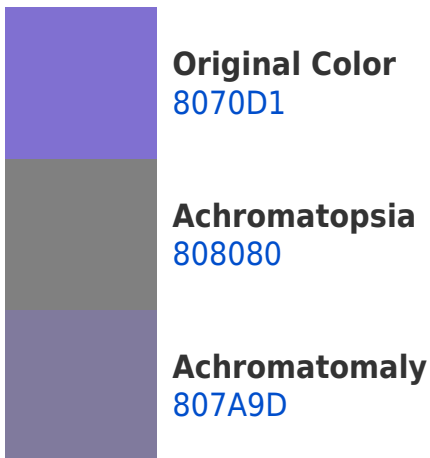


Tritanopia
70808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8070D1 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 #8070D1 looks like.

```
.text, #text, p{  
    color:#8070D1  
}
```

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 #8070D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8070D1
}
```

Border

The CSS property to change the border of an element to Hex 8070D1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

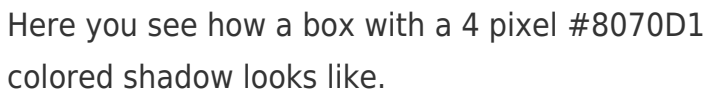
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8070D1 }
```

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

```
.border{ border-color:#8070D1 }
```

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



Here you see how a box with a 4 pixel #8070D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8070D1; -webkit-box-shadow:4px 4px  
4px 4px #8070D1; box-shadow:4px 4px 4px  
4px #8070D1 }
```

Background

The CSS property to change the background color of an element to Hex 8070D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8070D1 }
```

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

```
.background{ background-color:#8070D1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor