

Converting Colors

Hex(B770D8)

Have a look what the booklet for
Hex(B770D8) contains.

Hex(B770D8)	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(B770D8)

Conversions

Conversions Part 1

Format	Color
Hex	B770D8
RGB	183, 112, 216
RGB Percent	72%, 44%, 85%
CMY	0.2824, 0.5608, 0.1529
CMYK	0.15, 0.48, 0.00, 0.15
HSL	281°, 57%, 64%
HSV	281°, 48%, 85%
XYZ	37.7173, 26.6135, 68.1147
YIQ	145.0850, 8.9320, 47.3960

Conversions

Conversions Part 2

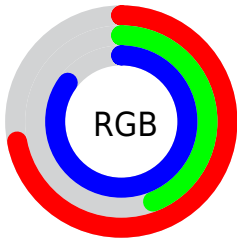
Format	Color
RYB	183, 112, 216
Decimal	12021976
CIELab	58.61, 45.81, -42.40
CIELCh	59, 62.424, 317.212
Yxy	26.6135, 0.2848, 0.2009
Android (android.graphics.Color)	4290212056 (0xFFB770D8)
YUV	145.0850, 34.9611, 33.2515
Hunter-Lab	51.5883, 40.2257, -42.1720

Details

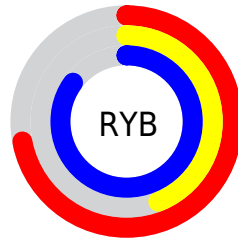
The Hex color **B770D8** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **91D870**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **F1A6FF**, and **803DA1** is the 20% darker color. If you saturate the color by 10%, you get **B05AD8**, and if you desaturate by 10%, it is **BE86D8**.

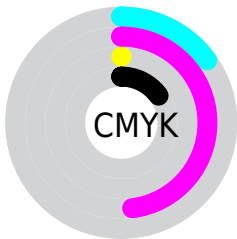
Distribution



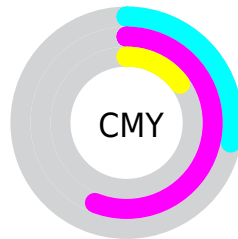
- Red (72%)
- Green (44%)
- Blue (85%)



- Red (72%)
- Yellow (44%)
- Blue (85%)



- Cyan (15%)
- Magenta (48%)
- Yellow (0%)
- Black (15%)



- Cyan (28%)
- Magenta (56%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color B770D8 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 B770D8 by changing the saturation by 10% instead.

 B770D8

 B770D8

FFFFFF

 9B56BC

 F1A6FF

 803DA1

 FFC1FF

 652386

 FFDEFF

 4B046C

 FFFBFF

 310053

 1B003C

 000225

 00010D

 000000

 B770D8

 B770D8

 B05AD8

 BE86D8

 A945D8

 C59BD8

 A22FD8

 CCB1D8

 9C1AD8

 D2C6D8

 9504D8

 D9DCD8

 9300D8

 E0F2D8

 E7FFD8

 EEFFD8

 F5FFD8

Harmonies

Analogous

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



5C88F6



B770D8



E45AA7

Triad

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



B770D8



BB8213



00A7AC

Complementary

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



B770D8



91D870

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.



00A573



B770D8



8A940F

Square

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



B770D8



DF6B3E



489F3D



00A4DC

Rectangle

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



B770D8



EF5682



489F3D



00A799

Sweetspot

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



B770D8



F4DBFF



7093D8



796A80



000000



808080

Same Dimension

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



B770D8



D06BFF



D870C7



68606B



7500AB



1E002B

Inverse Universe

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



D87091



FF6B9A



70D881



6B6064



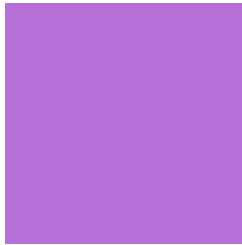
AB0036



2B000E

Previews

White Background



This preview shows how the Hex color B770D8 looks on a white background.

Color Contrast Check

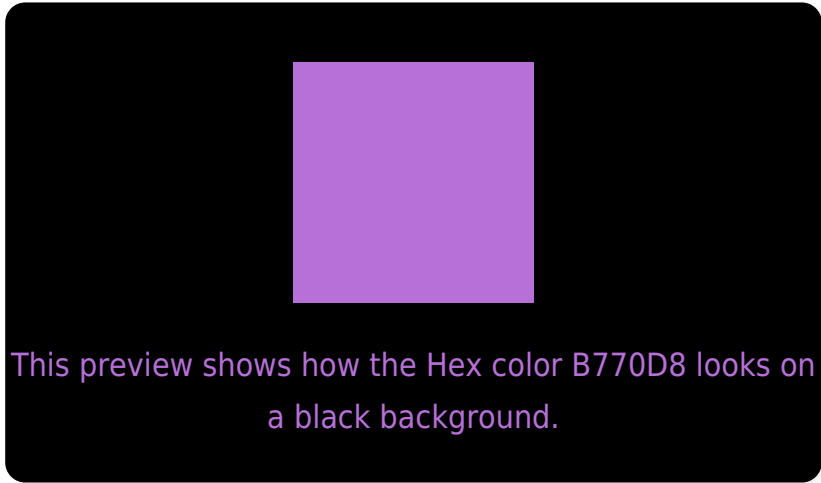
Large Text (above 18pt) WCAG AA ✓ Pass

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 B770D8 Background



This preview shows how black text looks on a background with the Hex color B770D8.

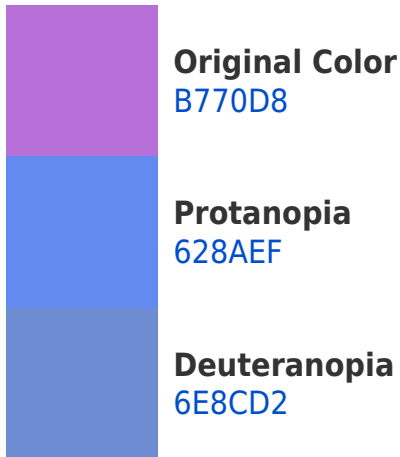



This preview shows how white text looks on a background with the Hex color B770D8.

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](#).

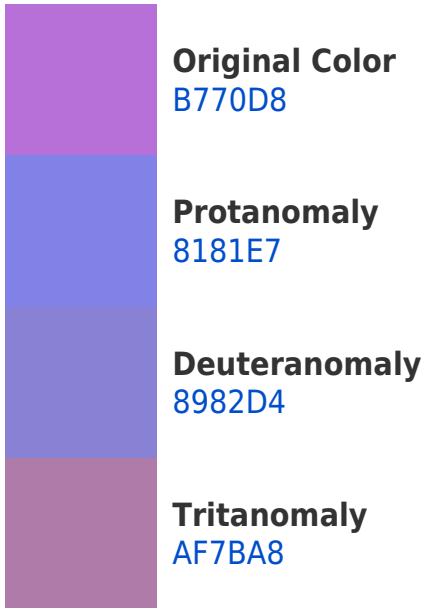
Dichromacy



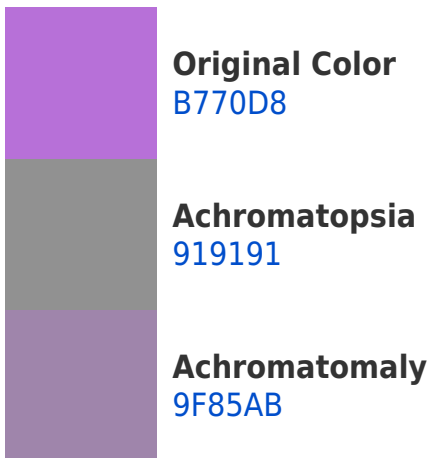


Tritanopia
AB828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B770D8 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 #B770D8 looks like.

```
.text, #text, p{  
    color:#B770D8  
}
```

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 #B770D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B770D8
}
```

Border

The CSS property to change the border of an element to Hex B770D8 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
#B770D8 }
```

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

```
.border{ border-color:#B770D8 }
```

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

Here you see how a box with a 4 pixel #B770D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B770D8; -webkit-box-shadow:4px 4px  
4px 4px #B770D8; box-shadow:4px 4px 4px  
4px #B770D8 }
```

Background

The CSS property to change the background color of an element to Hex B770D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B770D8 }
```

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

```
.background{ background-color:#B770D8 }
```

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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