

Converting Colors

Hex(B974D0)

Have a look what the booklet for
Hex(B974D0) contains.

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Color

Hex(**B974D0**)

Conversions

Conversions Part 1

Format	Color
Hex	B974D0
RGB	185, 116, 208
RGB Percent	73%, 45%, 82%
CMY	0.2745, 0.5451, 0.1843
CMYK	0.11, 0.44, 0.00, 0.18
HSL	285°, 49%, 64%
HSV	285°, 44%, 82%
XYZ	37.6381, 27.3591, 62.9716
YIQ	147.1190, 11.5920, 43.2400

Conversions

Conversions Part 2

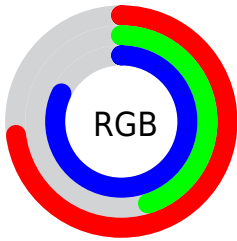
Format	Color
R _{YB}	185, 116, 208
Decimal	12154064
CIE _{Lab}	59.31, 42.58, -36.80
CIE _{LCh}	59, 56.274, 319.167
Yxy	27.3591, 0.2941, 0.2138
Android (android.graphics.Color)	4290344144 (0xFFB974D0)
YUV	147.1190, 30.0143, 33.2216
Hunter-Lab	52.3060, 36.9090, -34.7656

Details

The Hex color **B974D0** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **8BD074**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **F2AAFF**, and **824199** is the 20% darker color. If you saturate the color by 10%, you get **B45FD0**, and if you desaturate by 10%, it is **BE89D0**.

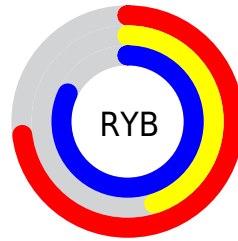
Distribution



Red (73%)

Green (45%)

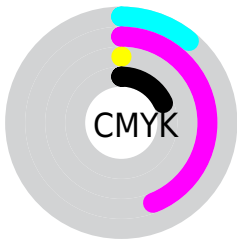
Blue (82%)



Red (73%)

Yellow (45%)

Blue (82%)

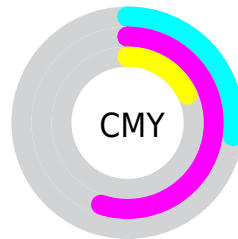


Cyan (11%)

Magenta (44%)

Yellow (0%)

Black (18%)



Cyan (27%)

Magenta (55%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color B974D0 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 B974D0 by changing the saturation by 10% instead.

 B974D0

 B974D0

FFFFFF

 9D5AB4

 F2AAFF

 824199

 FFC5FF


 68287F

 FFE2FF

 4E0C65

 34004D

 200036

 00021F

 000003

 000000

 B974D0

 B974D0

 B45FD0

 BE89D0

 AF4AD0

 C39ED0

 A936D0

 C9B2D0

 A421D0

 CEC7D0

 9F0CD0

 D3DCD0

 9C00D0

 D8F1D0

 DDFFD0

 E3FFD0

 E8FFD0

Harmonies

Analogous

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



6F89EC



B974D0



E063A3

Triad

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



B974D0



B88626



00A7AE

Complementary

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



B974D0



8BD074

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.



00A67B



B974D0



8A9628

Square

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



B974D0



D97245



4FA04B



00A3D9

Rectangle

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



B974D0



E96182



4FA04B



00A79D

Sweetspot

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



B974D0



F7DEFF



748BD0



7A6B80



000000



808080

Same Dimension

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



B974D0



DD78FF



D074B9



665E69



7E00A8



1F0029

Inverse Universe

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



D0748B



FF789A



74D08B



695E61



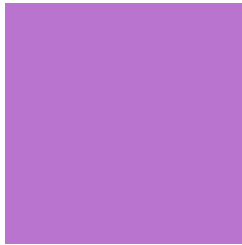
A8002A



29000A

Previews

White Background



This preview shows how the Hex color B974D0 looks on a white background.

Color Contrast Check

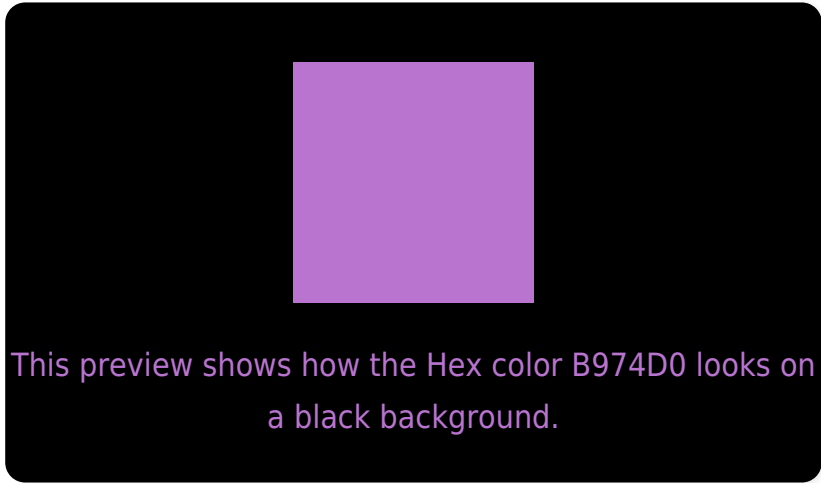
Large Text (above 18pt) WCAG AA ✓ Pass

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

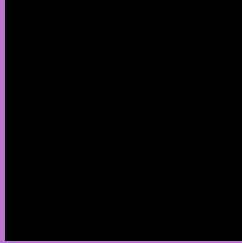
Any Text WCAG AA ✓ Pass

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 B974D0 Background



This preview shows how black text looks on a background with the Hex color B974D0.

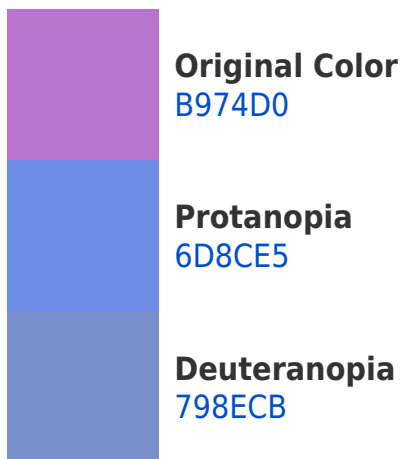



This preview shows how white text looks on a background with the Hex color B974D0.

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](#).

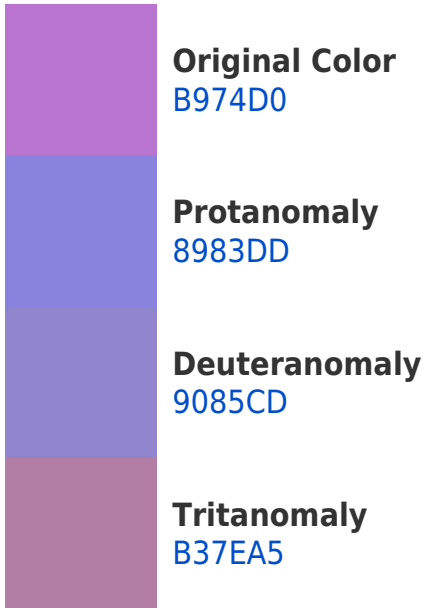
Dichromacy



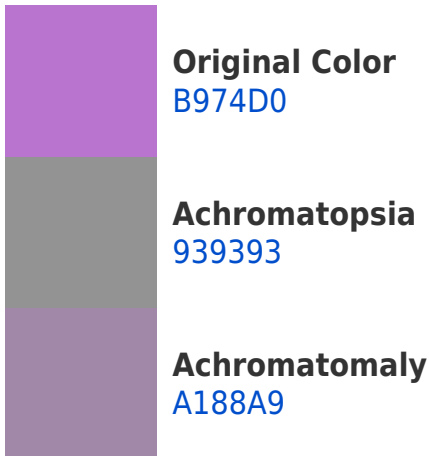


Tritanopia
AF838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B974D0 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 #B974D0 looks like.

```
.text, #text, p{  
    color:#B974D0  
}
```

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 #B974D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B974D0
}
```

Border

The CSS property to change the border of an element to Hex B974D0 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
#B974D0 }
```

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

```
.border{ border-color:#B974D0 }
```

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

Here you see how a box with a 4 pixel #B974D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B974D0; -webkit-box-shadow:4px 4px  
4px 4px #B974D0; box-shadow:4px 4px 4px  
4px #B974D0 }
```

Background

The CSS property to change the background color of an element to Hex B974D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B974D0 }
```

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

```
.background{ background-color:#B974D0 }
```

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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