

Converting Colors

Hex(B76CA2)

Have a look what the booklet for
Hex(B76CA2) contains.

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Color

Hex(B76CA2)

Conversions

Conversions Part 1

Format	Color
Hex	B76CA2
RGB	183, 108, 162
RGB Percent	72%, 42%, 64%
CMY	0.2824, 0.5765, 0.3647
CMYK	0.00, 0.41, 0.11, 0.28
HSL	317°, 34%, 57%
HSV	317°, 41%, 72%
XYZ	31.4126, 23.4010, 37.0436
YIQ	136.5810, 27.3660, 32.6940

Conversions

Conversions Part 2

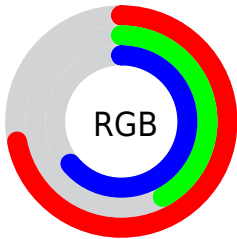
Format	Color
RYB	183, 108, 162
Decimal	12020898
CIELab	55.48, 37.58, -16.37
CIELCh	55, 40.990, 336.456
Yxy	23.4010, 0.3420, 0.2548
Android (android.graphics.Color)	4290210978 (0xFFB76CA2)
YUV	136.5810, 12.5316, 40.7095
Hunter-Lab	48.3746, 31.2553, -11.5400

Details

The Hex color **B76CA2** is a light color, and the websafe version is hex **996699**. A complement of this color would be **6CB781**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **F0A1D9**, and **803A6E** is the 20% darker color. If you saturate the color by 10%, you get **B75A9D**, and if you desaturate by 10%, it is **B77EA7**.

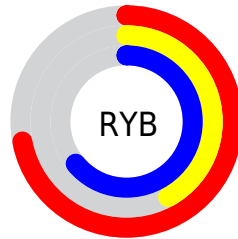
Distribution



Red (72%)

Green (42%)

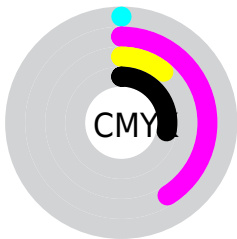
Blue (64%)



Red (72%)

Yellow (42%)

Blue (64%)

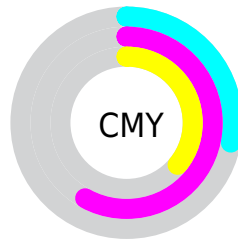


Cyan (0%)

Magenta (41%)

Yellow (11%)

Black (28%)



Cyan (28%)

Magenta (58%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color B76CA2 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 B76CA2 by changing the saturation by 10% instead.

 B76CA2

 B76CA2

FFFFFF

 9B5388

 F0A1D9

 803A6E

 FFBD5

 662156

 FFD9FF

 4D043E

 FFF6FF

 340028

 1C0013

 000000

 B76CA2

 B76CA2

 B75A9D

 B77EA7

 B74798

 B791AC

 B73593

 B7A3B1

 B7238E

 B7B5B6

 B71188

 B7C8BC

 B70084

 B7DAC1

 B7ECC6

 B7FECB

 B7FFD0

Harmonies

Analogous

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



9279BE



B76CA2



C7677F

Triad

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



B76CA2



93853C



0096AE

Complementary

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



B76CA2



6CB781

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.



00978C



B76CA2



6D8F4A

Square

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



B76CA2



B17944



3C9567



0090C5

Rectangle

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



B76CA2



C76A67



3C9567



0097A3

Sweetspot

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



B76CA2



EDD1E5



806CB7



786773



F7F7F7



787878

Same Dimension

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



B76CA2



ED79CD



B76C7E



5C5359



9C0070



1C0014

Inverse Universe

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



B76CA2



ED79CD



6CB7A6



5C5359



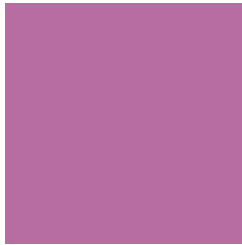
9C0070



1C0014

Previews

White Background



This preview shows how the Hex color B76CA2 looks on a white background.

Color Contrast Check

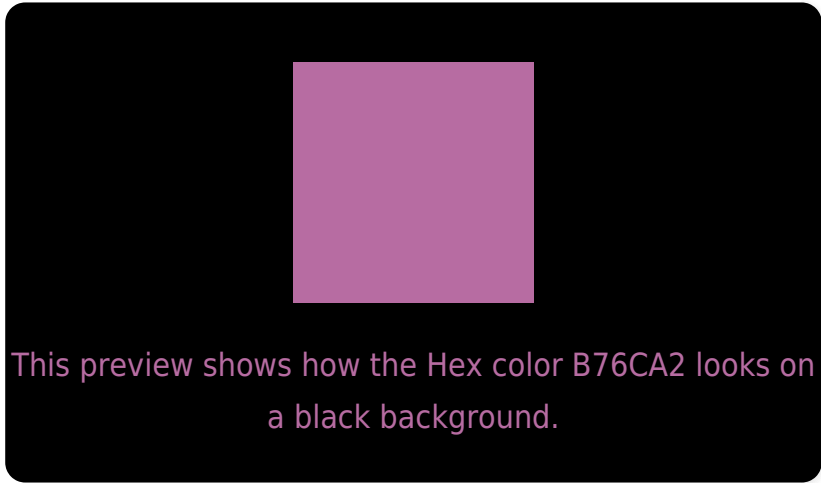
Large Text (above 18pt) WCAG AA ✓ Pass

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

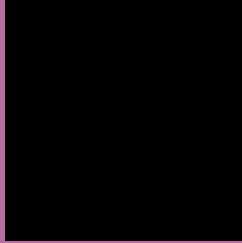
Any Text WCAG AA ✓ Pass

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 B76CA2 Background



This preview shows how black text looks on a background with the Hex color B76CA2.

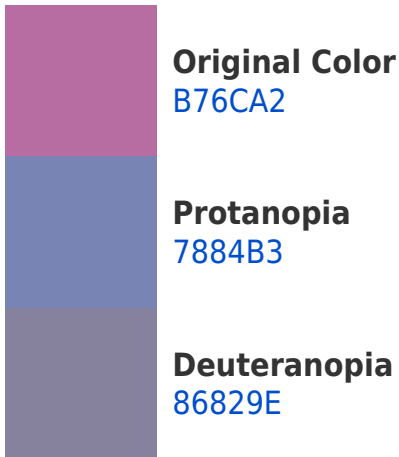


This preview shows how white text looks on a background with the Hex color B76CA2.

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
B3747C

Trichromacy



Original Color
B76CA2

Protanomaly
8F7BAD

Deuteranomaly
987A9F

Tritanomaly
B4718A

Monochromacy



Original Color
B76CA2

Achromatopsia
898989

Achromatomaly
9A7E92

CSS Examples

Text

The CSS property to change the color of the text to Hex B76CA2 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 #B76CA2 looks like.

```
.text, #text, p{  
    color:#B76CA2  
}
```

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 #B76CA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B76CA2
}
```

Border

The CSS property to change the border of an element to Hex B76CA2 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
#B76CA2 }
```

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

```
.border{ border-color:#B76CA2 }
```

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

Here you see how a box with a 4 pixel #B76CA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B76CA2; -webkit-box-shadow:4px 4px  
4px 4px #B76CA2; box-shadow:4px 4px 4px  
4px #B76CA2 }
```

Background

The CSS property to change the background color of an element to Hex B76CA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B76CA2 }
```

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

```
.background{ background-color:#B76CA2 }
```

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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