

Converting Colors

Hex(B004C7)

Have a look what the booklet for
Hex(B004C7) contains.

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Color

Hex(B004C7)

Conversions

Conversions Part 1

Format	Color
Hex	B004C7
RGB	176, 4, 199
RGB Percent	69%, 2%, 78%
CMY	0.3098, 0.9843, 0.2196
CMYK	0.12, 0.98, 0.00, 0.22
HSL	293°, 96%, 40%
HSV	293°, 98%, 78%
XYZ	28.2567, 13.4405, 55.1378
YIQ	77.6580, 39.9170, 97.1090

Conversions

Conversions Part 2

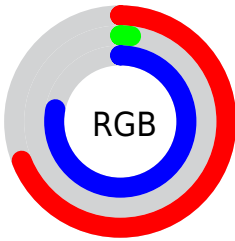
Format	Color
R_{YB}	176, 4, 199
Decimal	11535559
CIE _{Lab}	43.42, 77.59, -56.97
CIE _{LCh}	43, 96.255, 323.713
Yxy	13.4405, 0.2918, 0.1388
Android (android.graphics.Color)	4289725639 (0xFFB004C7)
YUV	77.6580, 59.8216, 86.2459
Hunter-Lab	36.6612, 73.4221, -63.5082

Details

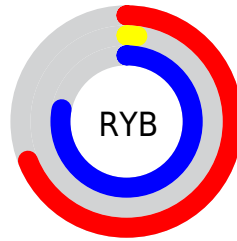
The Hex color **B004C7** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as dark washed purple. A complement of this color would be **1BC704**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **EC58FF**, and **760090** is the 20% darker color. If you saturate the color by 10%, you get **B000C7**, and if you desaturate by 10%, it is **B218C7**.

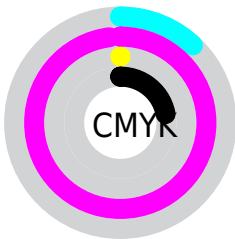
Distribution



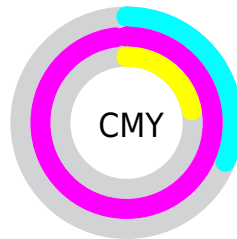
- Red (69%)
- Green (2%)
- Blue (78%)



- Red (69%)
- Yellow (2%)
- Blue (78%)



- Cyan (12%)
- Magenta (98%)
- Yellow (0%)
- Black (22%)



- Cyan (31%)
- Magenta (98%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color B004C7 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 B004C7 by changing the saturation by 10% instead.

 B004C7

 B004C7

FFFFFF

 9300AB

 EC58FF

 760090

 FF76FF

 590076

 FF93FF

 3D005C

 FFB1FF

 1F0044

 FFCEFF

 00002C


 FFECFF

 000116

 000000

 B004C7

 B004C7

 B000C7

 B218C7

 B52CC7

 B740C7

 B954C7

 BC68C7

 BE7BC7

 C08FC7

 C3A3C7

 C5B7C7

Harmonies

Analogous

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



005AFD



B004C7



E3007B

Triad

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



B004C7



8C5E00



0085A6

Complementary

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



B004C7



1BC704

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.



008353



B004C7



3D7500

Square

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



B004C7



C42D00



007F00



0083E9

Rectangle

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



B004C7



E90047



007F00



00848B

Sweetspot

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



B004C7



F6B5FF



041EC7



7A5380



000000



808080

Same Dimension

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



B004C7



E100FF



C7047F



625A63



9000A3



1F0024

Inverse Universe

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



C7041B



FF001E



04C74C



635A5B



A30013



240004

Previews

White Background



This preview shows how the Hex color B004C7 looks on a white background.

Color Contrast Check

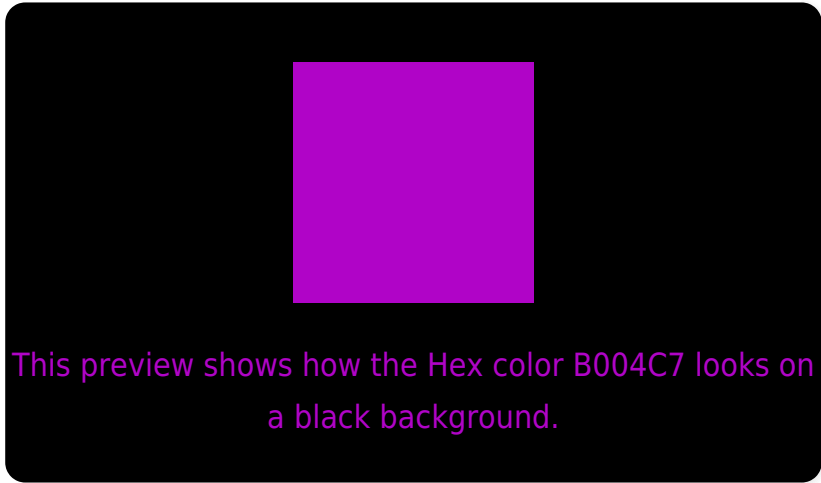
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

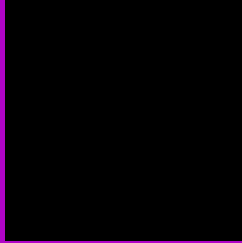
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B004C7 Background



This preview shows how black text looks on a background with the Hex color B004C7.

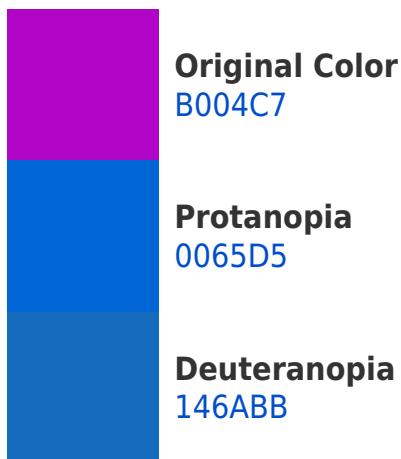



This preview shows how white text looks on a background with the Hex color B004C7.

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
A14E54

Trichromacy



Original Color
B004C7



Protanomaly
4042D0



Deuteranomaly
4D45BF



Tritanomaly
A6337E

Monochromacy



Original Color
B004C7



Achromatopsia
4E4E4E



Achromatomaly
72337A

CSS Examples

Text

The CSS property to change the color of the text to Hex B004C7 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 #B004C7 looks like.

```
.text, #text, p{  
    color:#B004C7  
}
```

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 #B004C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B004C7
}
```

Border

The CSS property to change the border of an element to Hex B004C7 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
#B004C7 }
```

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

```
.border{ border-color:#B004C7 }
```

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

Here you see how a box with a 4 pixel #B004C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B004C7; -webkit-box-shadow:4px 4px  
4px 4px #B004C7; box-shadow:4px 4px 4px  
4px #B004C7 }
```

Background

The CSS property to change the background color of an element to Hex B004C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B004C7 }
```

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

```
.background{ background-color:#B004C7 }
```

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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