

Converting Colors

Hex(BC46D7)

Have a look what the booklet for
Hex(BC46D7) contains.

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Color

Hex(BC46D7)

Conversions

Conversions Part 1

Format	Color
Hex	BC46D7
RGB	188, 70, 215
RGB Percent	74%, 27%, 84%
CMY	0.2627, 0.7255, 0.1569
CMYK	0.13, 0.67, 0.00, 0.16
HSL	289°, 64%, 56%
HSV	289°, 67%, 84%
XYZ	35.1949, 19.9780, 66.2911
YIQ	121.8120, 23.7830, 70.1110

Conversions

Conversions Part 2

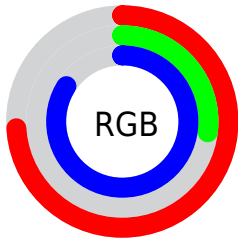
Format	Color
RYB	188, 70, 215
Decimal	12338903
CIELab	51.81, 66.75, -52.59
CIELCh	52, 84.981, 321.766
Yxy	19.9780, 0.2898, 0.1645
Android (android.graphics.Color)	4290528983 (0xFFBC46D7)
YUV	121.8120, 45.9417, 58.0469
Hunter-Lab	44.6967, 62.3345, -56.6472

Details

The Hex color **BC46D7** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted purple. A complement of this color would be **61D746**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **F77FFF**, and **83009F** is the 20% darker color. If you saturate the color by 10%, you get **B831D7**, and if you desaturate by 10%, it is **C05CD7**.

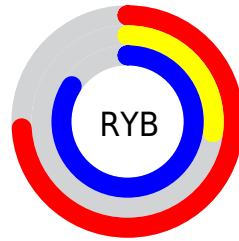
Distribution



Red (74%)

Green (27%)

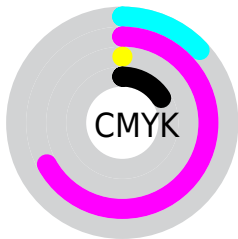
Blue (84%)



Red (74%)

Yellow (27%)

Blue (84%)

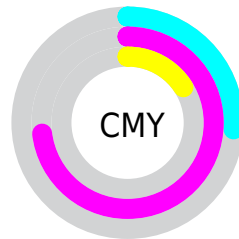


Cyan (13%)

Magenta (67%)

Yellow (0%)

Black (16%)



Cyan (26%)

Magenta (73%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color BC46D7 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 BC46D7 by changing the saturation by 10% instead.

 BC46D7

 BC46D7

FFFFFF

 9F26BB

 F77FFF

 83009F

 FF9BFF

 670085

 FFB8FF

 4B006B

 FFD5FF

 310052

 FFF2FF

 10003A

 000223

 00000A

 000000

 BC46D7

 BC46D7

 B831D7

 C05CD7

 B41BD7

 C471D7

 B005D7

 C887D7

 AF00D7

 CC9CD7

 D0B2D7

 D4C7D7

 D8DDD7

 DCF2D7

 E0FFD7

Harmonies

Analogous

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



2672FF



BC46D7



EF0093

Triad

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



BC46D7



A77200



009AB0

Complementary

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



BC46D7



61D746

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.



009864



BC46D7



648800

Square

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



BC46D7



D94C00



009308



0097EE

Rectangle

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



BC46D7



F70063



009308



009A97

Sweetspot

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



BC46D7



F6CCFF



4663D7



7A6180



000000



808080

Same Dimension

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



BC46D7



D930FF



D746AC



69606B



8B00AB



23002B

Inverse Universe

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



D74661



FF3057



46D772



6B6062



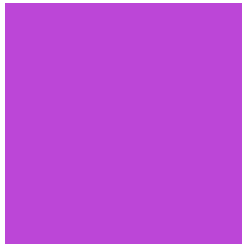
AB0020



2B0008

Previews

White Background



This preview shows how the Hex color BC46D7 looks on a white background.

Color Contrast Check

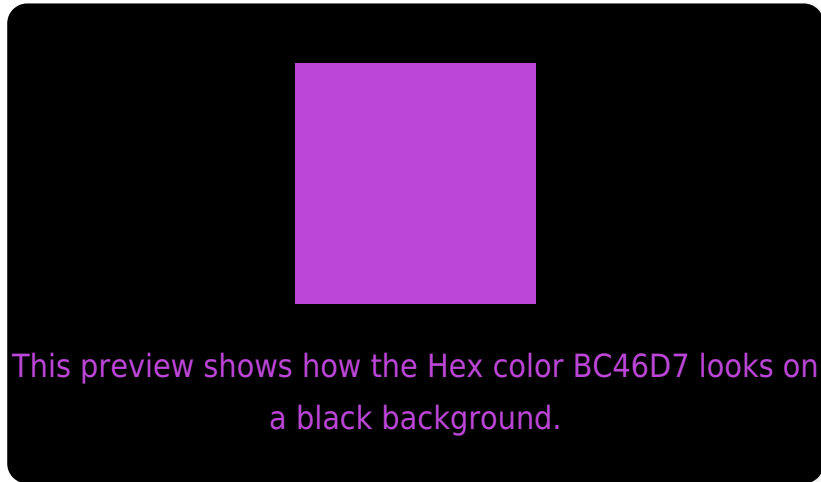
Large Text (above 18pt) WCAG AA ✓ Pass

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

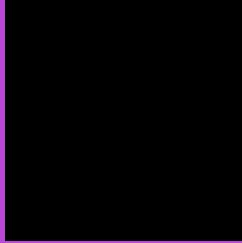
Any Text WCAG AA ✓ Pass

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 BC46D7 Background



This preview shows how black text looks on a background with the Hex color BC46D7.




This preview shows how white text looks on a background with the Hex color BC46D7.

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
AE676F

Trichromacy



Original Color
BC46D7



Protanomaly
4465F0



Deuteranomaly
7169D1



Tritanomaly
B35B95

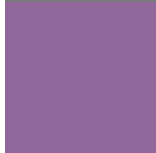
Monochromacy



Original Color
BC46D7



Achromatopsia
7A7A7A



Achromatomaly
92679C

CSS Examples

Text

The CSS property to change the color of the text to Hex BC46D7 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 #BC46D7 looks like.

```
.text, #text, p{  
    color:#BC46D7  
}
```

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 #BC46D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC46D7
}
```

Border

The CSS property to change the border of an element to Hex BC46D7 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".

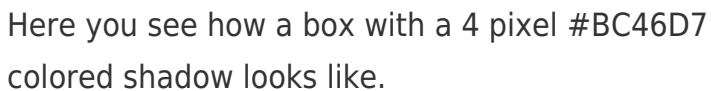
```
.border, #border, table{ border:4px solid
#BC46D7 }
```

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

```
.border{ border-color:#BC46D7 }
```

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

Here you see how a box with a 4 pixel #BC46D7 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides, and a thicker purple shadow on the right side. The text inside the box is black.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC46D7; -webkit-box-shadow:4px 4px  
4px 4px #BC46D7; box-shadow:4px 4px 4px  
4px #BC46D7 }
```

Background

The CSS property to change the background color of an element to Hex BC46D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC46D7 }
```

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

```
.background{ background-color:#BC46D7 }
```

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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