

Converting Colors

Hex(B464CC)

Have a look what the booklet for
Hex(B464CC) contains.

Hex(B464CC)	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(B464CC)

Conversions

Conversions Part 1

Format	Color
Hex	B464CC
RGB	180, 100, 204
RGB Percent	71%, 39%, 80%
CMY	0.2941, 0.6078, 0.2000
CMYK	0.12, 0.51, 0.00, 0.20
HSL	286°, 50%, 60%
HSV	286°, 51%, 80%
XYZ	34.2786, 23.1773, 59.7937
YIQ	135.7760, 14.2960, 49.3040

Conversions

Conversions Part 2

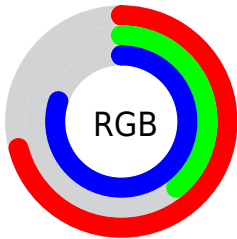
Format	Color
R _Y B	180, 100, 204
Decimal	11822284
CIE Lab	55.25, 48.77, -40.93
CIE LCh	55, 63.669, 319.998
Yxy	23.1773, 0.2924, 0.1977
Android (android.graphics.Color)	4290012364 (0xFFB464CC)
YUV	135.7760, 33.6344, 38.7844
Hunter-Lab	48.1428, 42.8458, -39.9387

Details

The Hex color **B464CC** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7CCC64**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **EE99FF**, and **7D3095** is the 20% darker color. If you saturate the color by 10%, you get **AF50CC**, and if you desaturate by 10%, it is **B978CC**.

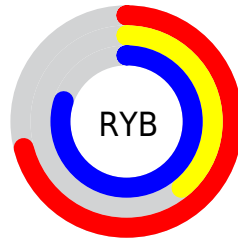
Distribution



Red (71%)

Green (39%)

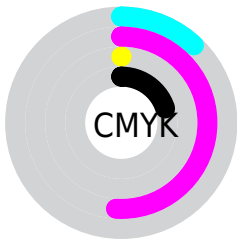
Blue (80%)



Red (71%)

Yellow (39%)

Blue (80%)

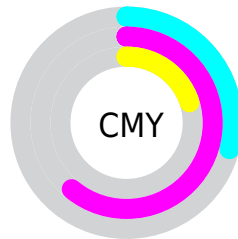


Cyan (12%)

Magenta (51%)

Yellow (0%)

Black (20%)



Cyan (29%)

Magenta (61%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color B464CC 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 B464CC by changing the saturation by 10% instead.

 B464CC

 B464CC

FFFFFF

 984AB0

 EE99FF

 7D3095

 FFB5FF

 62137B

 FFD1FF

 480062

 FFEEFF

 2E0049

 150032

 00011C

 000000

 B464CC

 B464CC

 AF50CC

 B978CC

 AB3BCC

 BD8DCC

 A627CC

 C2A1CC

 A112CC

 C7B6CC

 9D00CC

 CCCACC

 D0DECC

 D5F3CC

 DAFFCC

 DEFFCC

Harmonies

Analogous

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



5C7EED



B464CC



DE4E99

Triad

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



B464CC



AE7B00



009EA9

Complementary

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



B464CC



7CCC64

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.



009D6F



B464CC



7B8D00

Square

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



B464CC



D46430



329738



009AD8

Rectangle

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



B464CC



E74B74



329738



009E96

Sweetspot

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



B464CC



F6D9FF



647CCC



7A6980



000000



808080

Same Dimension

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



B464CC



DB63FF



CC64B0



645C66



8000A6



1D0026

Inverse Universe

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



CC647C



FF6387



64CC80



665C5E



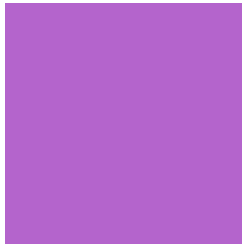
A60026



260009

Previews

White Background



This preview shows how the Hex color B464CC looks on a white background.

Color Contrast Check

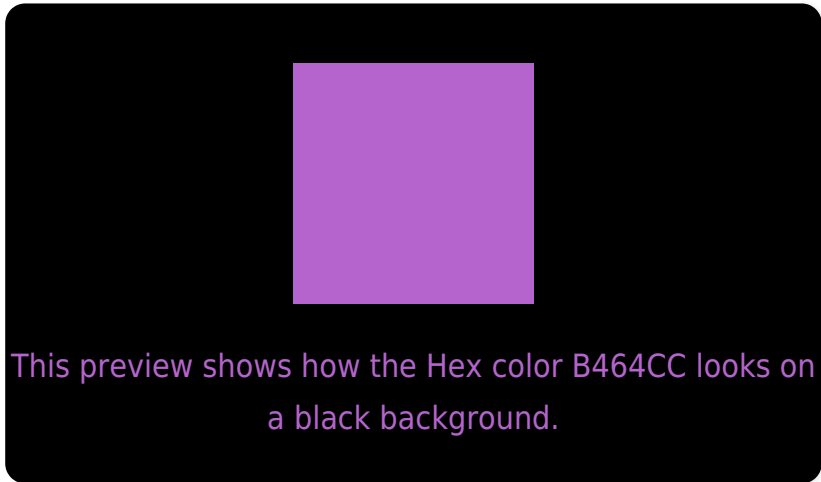
Large Text (above 18pt) WCAG AA ✓ Pass

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

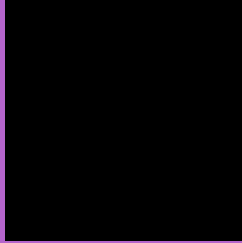
Any Text WCAG AA ✓ Pass

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 B464CC Background



This preview shows how black text looks on a background with the Hex color B464CC.

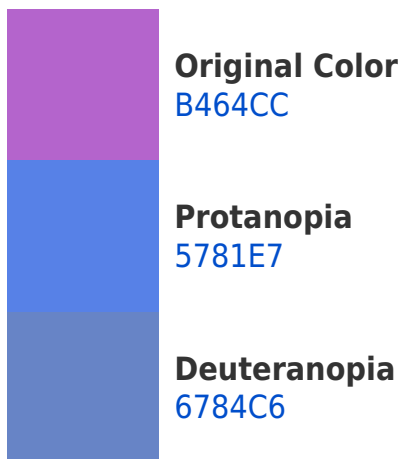


This preview shows how white text looks on a background with the Hex color B464CC.

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](#).

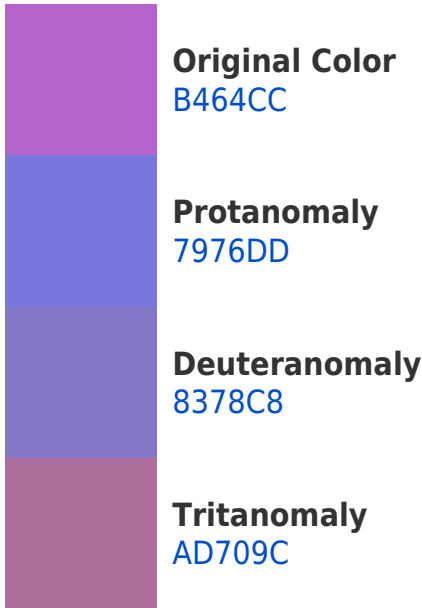
Dichromacy



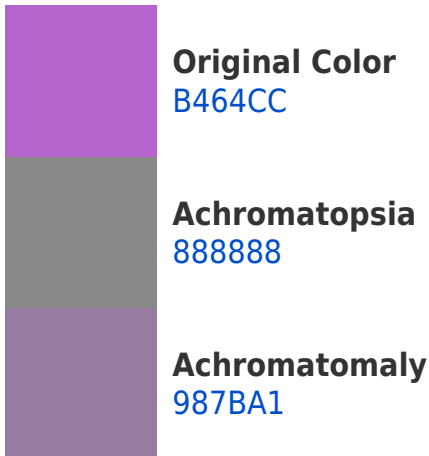


Tritanopia
A97780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B464CC 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 #B464CC looks like.

```
.text, #text, p{  
    color:#B464CC  
}
```

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 #B464CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B464CC  
}
```

Border

The CSS property to change the border of an element to Hex B464CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

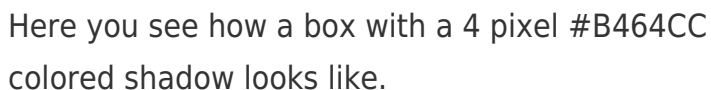
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#B464CC }
```

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

```
.border{ border-color:#B464CC }
```

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



Here you see how a box with a 4 pixel #B464CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B464CC; -webkit-box-shadow:4px 4px  
4px 4px #B464CC; box-shadow:4px 4px 4px  
4px #B464CC }
```

Background

The CSS property to change the background color of an element to Hex B464CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B464CC }
```

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

```
.background{ background-color:#B464CC }
```

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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