

Converting Colors

Hex(B764B4)

Have a look what the booklet for
Hex(B764B4) contains.

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Color

Hex(B764B4)

Conversions

Conversions Part 1

Format	Color
Hex	B764B4
RGB	183, 100, 180
RGB Percent	72%, 39%, 71%
CMY	0.2824, 0.6078, 0.2941
CMYK	0.00, 0.45, 0.02, 0.28
HSL	302°, 37%, 55%
HSV	302°, 45%, 72%
XYZ	32.3238, 22.4769, 45.8148
YIQ	133.9370, 23.7880, 42.4760

Conversions

Conversions Part 2

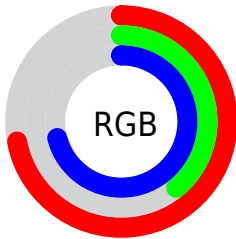
Format	Color
R _Y B	183, 100, 180
Decimal	12018868
CIE Lab	54.53, 45.00, -28.27
CIE LCh	55, 53.140, 327.864
Yxy	22.4769, 0.3213, 0.2234
Android (android.graphics.Color)	4290208948 (0xFFB764B4)
YUV	133.9370, 22.7091, 43.0283
Hunter-Lab	47.4098, 38.7334, -24.1085

Details

The Hex color **B764B4** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **64B767**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **F099EC**, and **80307F** is the 20% darker color. If you saturate the color by 10%, you get **B752B3**, and if you desaturate by 10%, it is **B776B5**.

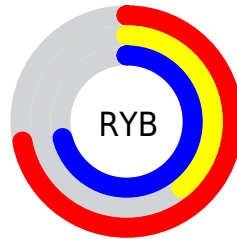
Distribution



Red (72%)

Green (39%)

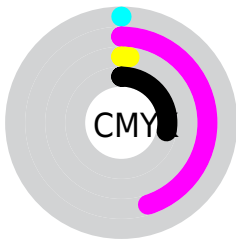
Blue (71%)



Red (72%)

Yellow (39%)

Blue (71%)

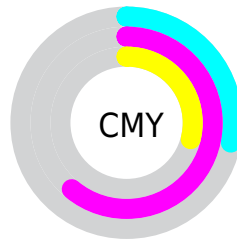


Cyan (0%)

Magenta (45%)

Yellow (2%)

Black (28%)



Cyan (28%)

Magenta (61%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color B764B4 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 B764B4 by changing the saturation by 10% instead.

 B764B4

 B764B4

FFFFFF

 9B4A99

 F099EC

 80307F

 FFB5FF

 661466

 FFD1FF

 4C004D

 FFEEFF

 330036

 1A0020

 000004

 000000

 B764B4

 B764B4

 B752B3

 B776B5

 B73FB3

 B789B5

 B72DB2

 B79BB6

 B71BB1

 B7ADB7

 B708B1

 B7C0B7

 B700B0

 B7D2B8

 B7E4B9

 B7F6B9

 B7FFBA

Harmonies

Analogous

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



7D78D4



B764B4



D35888

Triad

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



B764B4



9D7F1D



0098AC

Complementary

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



B764B4



64B767

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.



00987E



B764B4



708C2A

Square

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



B764B4



C06D34



2E944F



0093D0

Rectangle

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



B764B4



D65969



2E944F



00999D

Sweetspot

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



B764B4



EDCCEC



6764B7



786377



F7F7F7



787878

Same Dimension

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



B764B4



ED6DE9



B7648B



5C535B



9C0096



1C001B

Inverse Universe

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



B764B4



ED6DE9



64B790



5C535B



9C0096



1C001B

Previews

White Background



This preview shows how the Hex color B764B4 looks on a white background.

Color Contrast Check

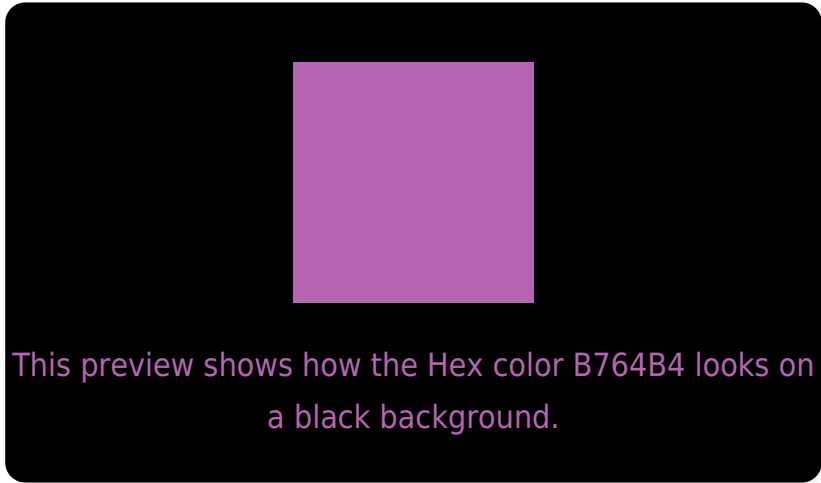
Large Text (above 18pt) WCAG AA ✓ Pass

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

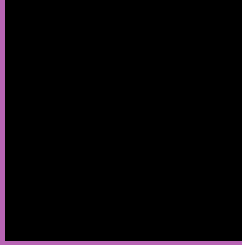
Any Text WCAG AA ✓ Pass

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 B764B4 Background



This preview shows how black text looks on a background with the Hex color B764B4.

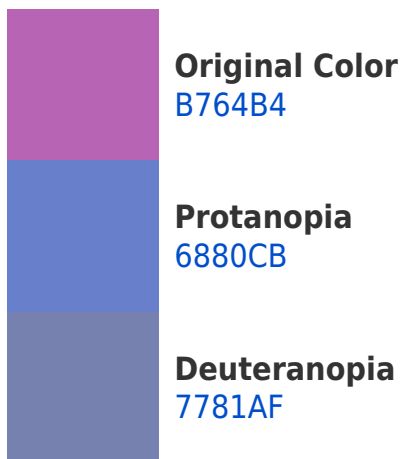


This preview shows how white text looks on a background with the Hex color B764B4.

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
B0717A

Trichromacy



Original Color
B764B4



Protanomaly
8576C3



Deuteranomaly
8E76B1

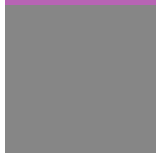


Tritanomaly
B36C8F

Monochromacy



Original Color
B764B4



Achromatopsia
868686



Achromatomaly
987A97

CSS Examples

Text

The CSS property to change the color of the text to Hex B764B4 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 #B764B4 looks like.

```
.text, #text, p{  
    color:#B764B4  
}
```

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 #B764B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B764B4
}
```

Border

The CSS property to change the border of an element to Hex B764B4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

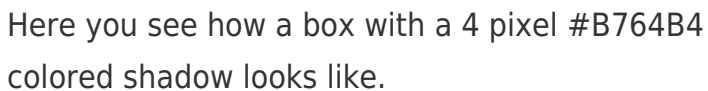
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B764B4 }
```

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

```
.border{ border-color:#B764B4 }
```

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



Here you see how a box with a 4 pixel #B764B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B764B4; -webkit-box-shadow:4px 4px  
4px 4px #B764B4; box-shadow:4px 4px 4px  
4px #B764B4 }
```

Background

The CSS property to change the background color of an element to Hex B764B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B764B4 }
```

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

```
.background{ background-color:#B764B4 }
```

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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