

# Converting Colors

Hex(B64EBD)

Have a look what the booklet for  
Hex(B64EBD) contains.

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# Color

**Hex(B64EBD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B64EBD
RGB	182, 78, 189
RGB Percent	71%, 31%, 74%
CMY	0.2863, 0.6941, 0.2588
CMYK	0.04, 0.59, 0.00, 0.26
HSL	296°, 46%, 52%
HSV	296°, 59%, 74%
XYZ	31.2011, 19.0680, 50.1801
YIQ	121.7500, 26.3530, 56.5690

# Conversions

## Conversions Part 2

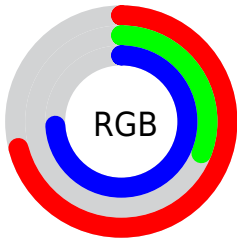
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 78, 189
Decimal	11947709
CIE <sub>Lab</sub>	50.77, 57.13, -39.37
CIE <sub>LCh</sub>	51, 69.381, 325.427
Yxy	19.0680, 0.3106, 0.1898
Android (android.graphics.Color)	4290137789 (0xFFB64EBD)
YUV	121.7500, 33.1542, 52.8392
Hunter-Lab	43.6669, 51.1257, -37.5667

# Details

The Hex color **B64EBD** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **55BD4E**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **F085F6**, and **7E1087** is the 20% darker color. If you saturate the color by 10%, you get **B53BBD**, and if you desaturate by 10%, it is **B761BD**.

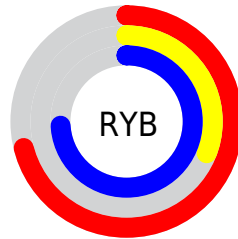
# Distribution



Red (71%)

Green (31%)

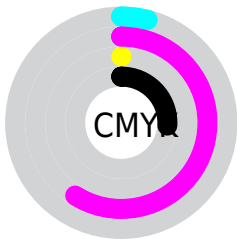
Blue (74%)



Red (71%)

Yellow (31%)

Blue (74%)

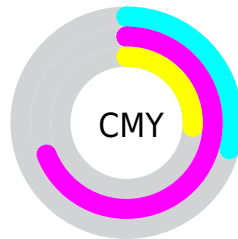


Cyan (4%)

Magenta (59%)

Yellow (0%)

Black (26%)



Cyan (29%)

Magenta (69%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B64EBD 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 B64EBD by changing the saturation by 10% instead.



 B64EBD

 B64EBD

FFFFFF

 9A32A2

 F085F6

 7E1087

 FFA0FF

 63006D

 FFBCFF

 480054

 FFD9FF

 31003D

 FFF6FF

 0F0026

 00010F

 000000

 B64EBD

 B64EBD

 B53BBD

 B761BD

 B428BD

 B874BD

 B215BD

 BA87BD

 B102BD

 BB9ABD

 B100BD

 BCADBD

 BDBFBD

 BED2BD

 C0E5BD

 C1F8BD

# Harmonies

## Analogous

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



5F6DE5



B64EBD



DB3385

# Triad

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



B64EBD



9A7300



0093AA

# Complementary

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



B64EBD



55BD4E

# 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.



00926E



B64EBD



618400

# Square

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



B64EBD



C5590D



008E2F



008FDA

# Rectangle

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



B64EBD



E0345D



008E2F



009397



# Sweetspot

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



B64EBD



F2C9F5



4E55BD



795F7A



FAFAFA



7A7A7A



# Same Dimension

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



B64EBD



EA49F5



BD4E8D



5E555E



94009E



1D001F



# Inverse Universe

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



BD4E55



F54954



4EBD7E



5E5556



9E000A



1F0002



# Previews

## White Background



This preview shows how the Hex color B64EBD looks on a white background.

## Color Contrast Check

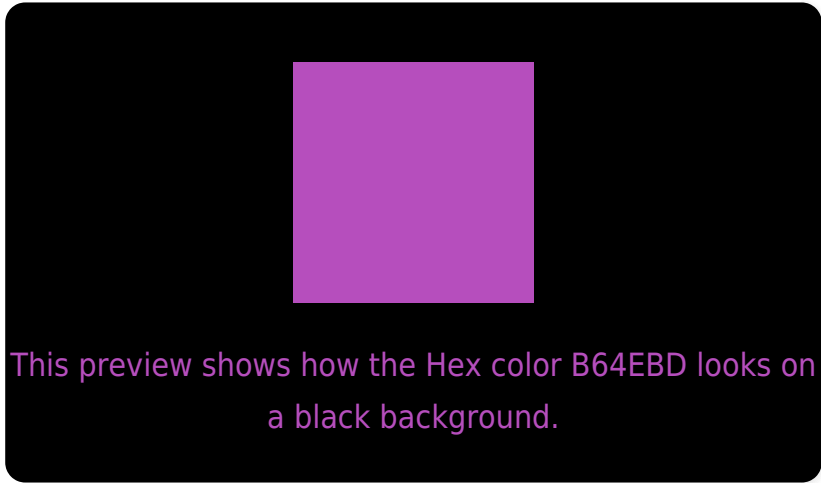
Large Text (above 18pt) WCAG AA ✓ Pass

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

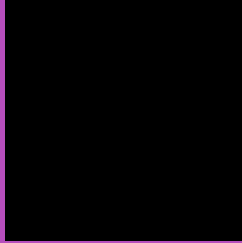
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B64EBD Background



This preview shows how black text looks on a background with the Hex color B64EBD.

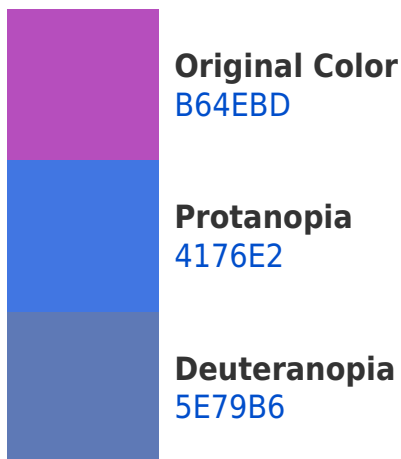



This preview shows how white text looks on a background with the Hex color B64EBD.

# 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](#).

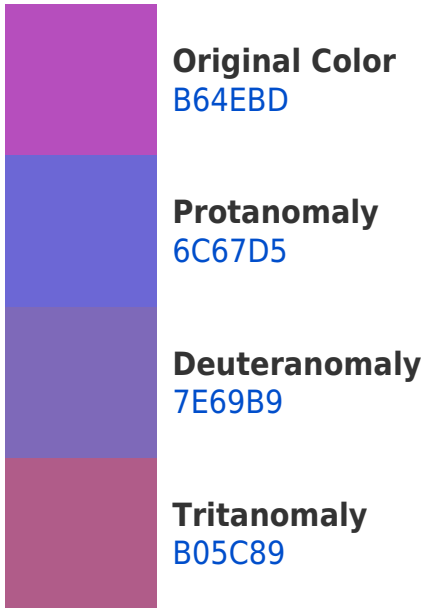
## Dichromacy



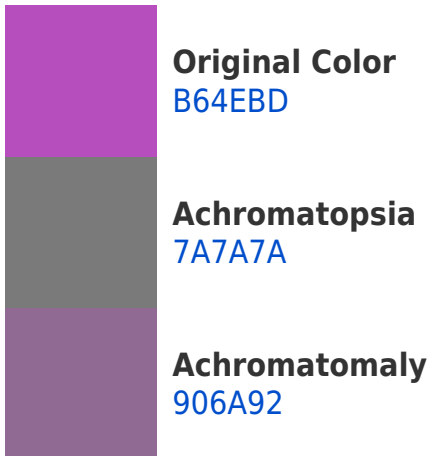


**Tritanopia**  
AC646C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B64EBD 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 #B64EBD looks like.

```
.text, #text, p{  
    color:#B64EBD  
}
```

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 #B64EBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B64EBD
}
```

## Border

The CSS property to change the border of an element to Hex B64EBD 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
#B64EBD }
```

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

```
.border{ border-color:#B64EBD }
```

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

Here you see how a box with a 4 pixel #B64EBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B64EBD; -webkit-box-shadow:4px 4px  
4px 4px #B64EBD; box-shadow:4px 4px 4px  
4px #B64EBD }
```

# Background

The CSS property to change the background color of an element to Hex B64EBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B64EBD }
```

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

```
.background{ background-color:#B64EBD }
```

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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