

Converting Colors

Hex(BD5EBA)

Have a look what the booklet for
Hex(BD5EBA) contains.

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Color

Hex(BD5EBA)

Conversions

Conversions Part 1

Format	Color
Hex	BD5EBA
RGB	189, 94, 186
RGB Percent	74%, 37%, 73%
CMY	0.2588, 0.6314, 0.2706
CMYK	0.00, 0.50, 0.02, 0.26
HSL	302°, 42%, 55%
HSV	302°, 50%, 74%
XYZ	33.8519, 22.3694, 48.9879
YIQ	132.8930, 27.0880, 48.7520

Conversions

Conversions Part 2

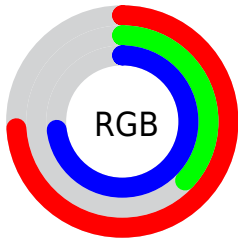
Format	Color
RYB	189, 94, 186
Decimal	12410554
CIELab	54.42, 50.90, -31.84
CIElCh	54, 60.040, 327.969
Yxy	22.3694, 0.3218, 0.2126
Android (android.graphics.Color)	4290600634 (0xFFBD5EBA)
YUV	132.8930, 26.1818, 49.2058
Hunter-Lab	47.2963, 44.9912, -28.3032

Details

The Hex color **BD5EBA** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **5EBD61**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **F794F2**, and **852884** is the 20% darker color. If you saturate the color by 10%, you get **BD4BB9**, and if you desaturate by 10%, it is **BD71BB**.

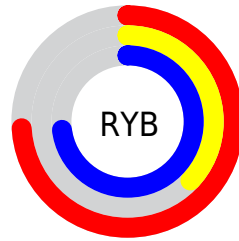
Distribution



Red (74%)

Green (37%)

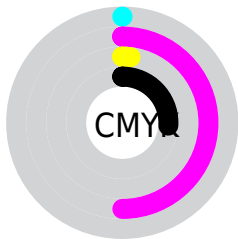
Blue (73%)



Red (74%)

Yellow (37%)

Blue (73%)

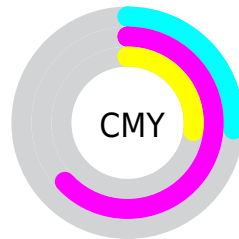


Cyan (0%)

Magenta (50%)

Yellow (2%)

Black (26%)



Cyan (26%)

Magenta (63%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD5EBA 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 BD5EBA by changing the saturation by 10% instead.

 BD5EBA

 BD5EBA

FFFFFF

 A1439F

 F794F2

 852884

 FFBOFF

 6A046B

 FFCCFF

 500052

 FFE9FF

 37003B

 1E0025

 00000C

 000000

 BD5EBA

 BD5EBA

 BD4BB9

 BD71BB

 BD38B9

 BD84BB

 BD25B8

 BD97BC

 BD12B8

 BDAABC

 BD00B7

 BDBDBD

 BDCFBE

 BDE2BE

 BDF5BF

 BDFFBF

Harmonies

Analogous

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



7A76DE



BD5EBA



DB4E88

Triad

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



BD5EBA



9E7F00



009AB1

Complementary

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



BD5EBA



5EBD61

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.



009A7D



BD5EBA



6C8D18

Square

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



BD5EBA



C66A28



0F9648



0095DA

Rectangle

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



BD5EBA



DF5065



0F9648



009AA1

Sweetspot

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



BD5EBA



F5D0F4



605EBD



7A647A



FAFAFA



7A7A7A

Same Dimension

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



BD5EBA



F562F0



BD5E8C



5E555E



9E0099



1F001E

Inverse Universe

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



BD5EBA



F562F0



5EBD8F



5E555E



9E0099



1F001E

Previews

White Background



This preview shows how the Hex color BD5EBA looks on a white background.

Color Contrast Check

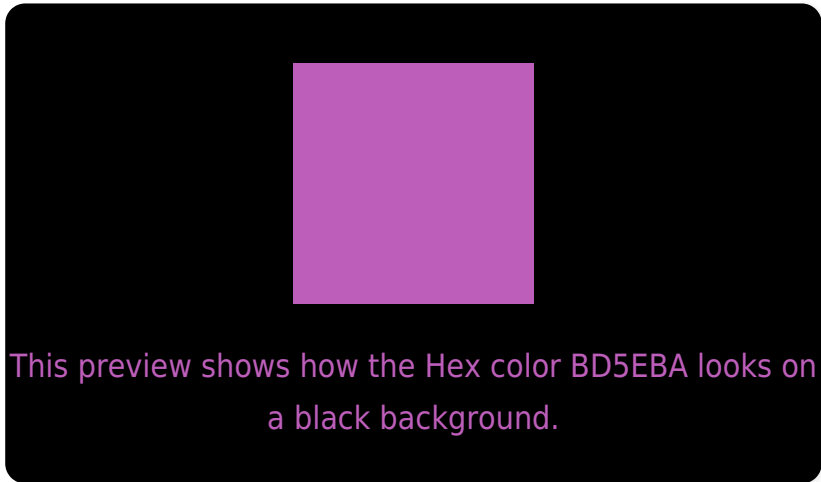
Large Text (above 18pt) WCAG AA ✓ Pass

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

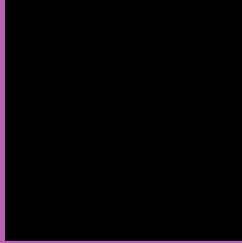
Any Text WCAG AA ✓ Pass

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 BD5EBA Background



This preview shows how black text looks on a background with the Hex color BD5EBA.

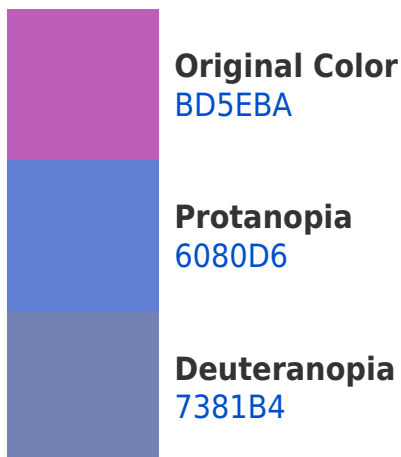


This preview shows how white text looks on a background with the Hex color BD5EBA.

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



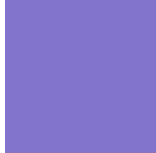


Tritanopia
B56E76

Trichromacy



Original Color
BD5EBA



Protanomaly
8274CC



Deuteranomaly
8E74B6



Tritanomaly
B8688F

Monochromacy



Original Color
BD5EBA



Achromatopsia
858585



Achromatomaly
997798

CSS Examples

Text

The CSS property to change the color of the text to Hex BD5EBA 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 #BD5EBA looks like.

```
.text, #text, p{  
    color:#BD5EBA  
}
```

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 #BD5EBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD5EBA
}
```

Border

The CSS property to change the border of an element to Hex BD5EBA 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
#BD5EBA }
```

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

```
.border{ border-color:#BD5EBA }
```

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

Here you see how a box with a 4 pixel #BD5EBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD5EBA; -webkit-box-shadow:4px 4px  
4px 4px #BD5EBA; box-shadow:4px 4px 4px  
4px #BD5EBA }
```

Background

The CSS property to change the background color of an element to Hex BD5EBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD5EBA }
```

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

```
.background{ background-color:#BD5EBA }
```

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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