

Converting Colors

Hex(BD4F8A)

Have a look what the booklet for
Hex(BD4F8A) contains.

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Color

Hex(BD4F8A)

Conversions

Conversions Part 1

Format	Color
Hex	BD4F8A
RGB	189, 79, 138
RGB Percent	74%, 31%, 54%
CMY	0.2588, 0.6902, 0.4588
CMYK	0.00, 0.58, 0.27, 0.26
HSL	328°, 45%, 53%
HSV	328°, 58%, 74%
XYZ	28.3697, 18.2458, 26.0713
YIQ	118.6160, 46.6210, 41.6690

Conversions

Conversions Part 2

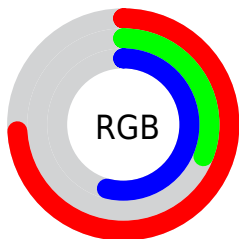
Format	Color
RYB	189, 79, 138
Decimal	12406666
CIELab	49.79, 50.56, -10.76
CIELCh	50, 51.692, 347.989
Yxy	18.2458, 0.3903, 0.2510
Android (android.graphics.Color)	4290596746 (0xFFBD4F8A)
YUV	118.6160, 9.5563, 61.7268
Hunter-Lab	42.7151, 43.8015, -6.2873

Details

The Hex color **BD4F8A** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **4FBD82**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **F885BF**, and **841458** is the 20% darker color. If you saturate the color by 10%, you get **BD3C81**, and if you desaturate by 10%, it is **BD6293**.

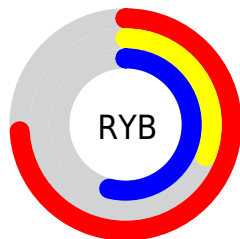
Distribution



Red (74%)

Green (31%)

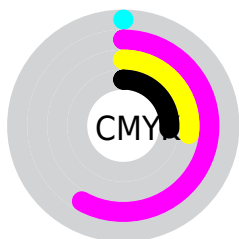
Blue (54%)



Red (74%)

Yellow (31%)

Blue (54%)

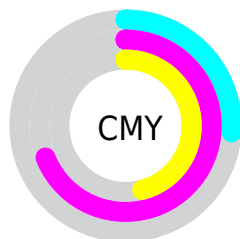


Cyan (0%)

Magenta (58%)

Yellow (27%)

Black (26%)



Cyan (26%)

Magenta (69%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD4F8A 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 BD4F8A by changing the saturation by 10% instead.

 BD4F8A

 BD4F8A

FFFFFF

 A03471

 F885BF

 841458

 FFA0DB

 690041

 FFBDF8

 4E002B

 FFD9FF

 360017

 FFF6FF

 100000

 000000

 BD4F8A

 BD4F8A

 BD3C81

 BD6293

 BD2978

 BD759C

 BD1670

 BD88A4

 BD0367

 BD9BAD

 BD0065

 BDAEB6

 BDC0BF

 BDD3C7

 BDE6D0

 BDF9D9

Harmonies

Analogous

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



9A5FB2



BD4F8A



C64E5E

Triad

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



BD4F8A



747C18



0089B7

Complementary

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



BD4F8A



4FBD82

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.



008B90



BD4F8A



3F8538

Square

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



BD4F8A



9C6E18



008A63



0080CC

Rectangle

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



BD4F8A



BF5643



008A63



008AAB

Sweetspot

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



BD4F8A



F5CBE2



814FBD



7A626F



FAFAFA



7A7A7A

Same Dimension

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



BD4F8A



F549A5



BD4F54



5E555A



9E0055



1F0010

Inverse Universe

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



BD4F8A



F549A5



4FBDB7



5E555A



9E0055



1F0010

Previews

White Background



This preview shows how the Hex color BD4F8A looks on a white background.

Color Contrast Check

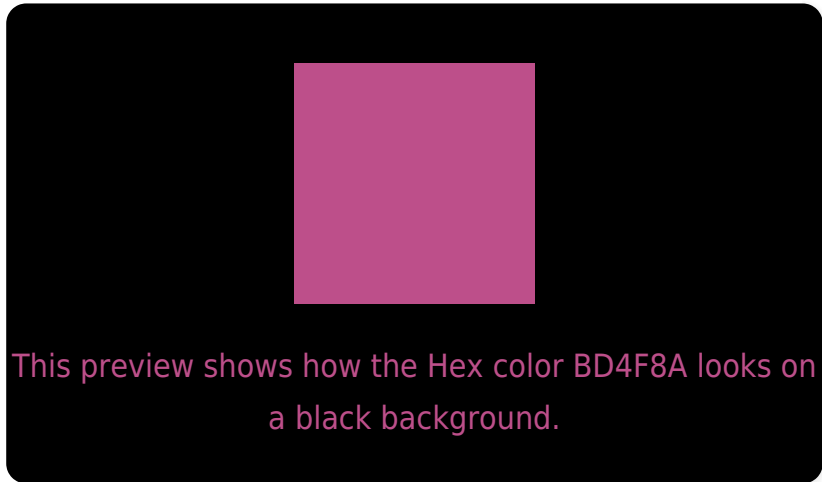
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

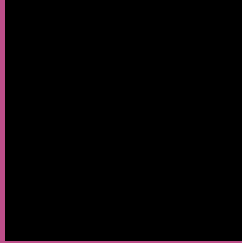
Any Text WCAG AA ✓ Pass

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 BD4F8A Background



This preview shows how black text looks on a background with the Hex color BD4F8A.

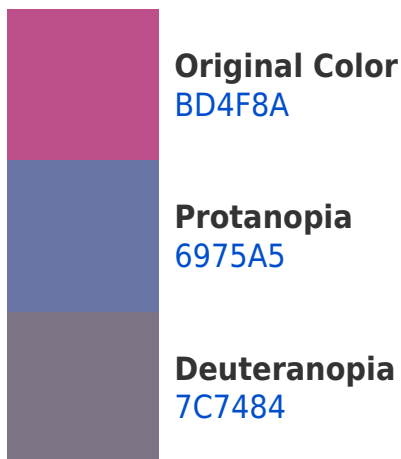



This preview shows how white text looks on a background with the Hex color BD4F8A.

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
B9595F

Trichromacy



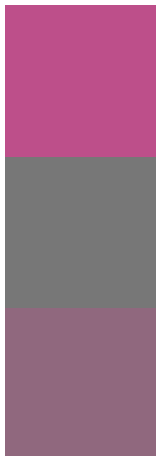
Original Color
BD4F8A

Protanomaly
88679B

Deuteranomaly
946786

Tritanomaly
BA556F

Monochromacy



Original Color
BD4F8A

Achromatopsia
777777

Achromatomaly
90687E

CSS Examples

Text

The CSS property to change the color of the text to Hex BD4F8A 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 #BD4F8A looks like.

```
.text, #text, p{  
    color:#BD4F8A  
}
```

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 #BD4F8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD4F8A
}
```

Border

The CSS property to change the border of an element to Hex BD4F8A 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
#BD4F8A }
```

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

```
.border{ border-color:#BD4F8A }
```

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

Here you see how a box with a 4 pixel #BD4F8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD4F8A; -webkit-box-shadow:4px 4px  
4px 4px #BD4F8A; box-shadow:4px 4px 4px  
4px #BD4F8A }
```

Background

The CSS property to change the background color of an element to Hex BD4F8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD4F8A }
```

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

```
.background{ background-color:#BD4F8A }
```

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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