

Converting Colors

Hex(BA67B4)

Have a look what the booklet for
Hex(BA67B4) contains.

Hex(BA67B4)	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(**BA67B4**)

Conversions

Conversions Part 1

Format	Color
Hex	BA67B4
RGB	186, 103, 180
RGB Percent	73%, 40%, 71%
CMY	0.2706, 0.5961, 0.2941
CMYK	0.00, 0.45, 0.03, 0.27
HSL	304°, 38%, 57%
HSV	304°, 45%, 73%
XYZ	33.3382, 23.4349, 45.9463
YIQ	136.5950, 24.7510, 41.5430

Conversions

Conversions Part 2

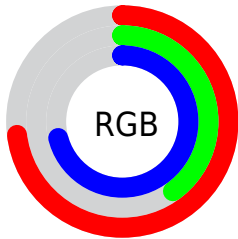
Format	Color
RYB	186, 103, 180
Decimal	12216244
CIELab	55.52, 44.35, -26.71
CIELCh	56, 51.773, 328.947
Yxy	23.4349, 0.3246, 0.2281
Android (android.graphics.Color)	4290406324 (0xFFBA67B4)
YUV	136.5950, 21.3987, 43.3282
Hunter-Lab	48.4096, 38.2106, -22.3863

Details

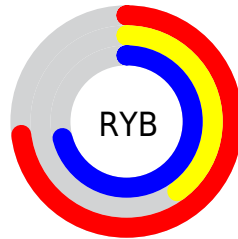
The Hex color **BA67B4** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **67BA6D**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **F49CEC**, and **83347F** is the 20% darker color. If you saturate the color by 10%, you get **BA54B3**, and if you desaturate by 10%, it is **BA7AB5**.

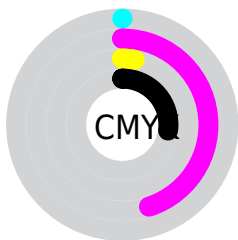
Distribution



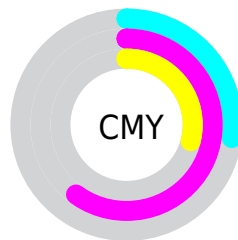
- Red (73%)
- Green (40%)
- Blue (71%)



- Red (73%)
- Yellow (40%)
- Blue (71%)



- Cyan (0%)
- Magenta (45%)
- Yellow (3%)
- Black (27%)



- Cyan (27%)
- Magenta (60%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color BA67B4 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 BA67B4 by changing the saturation by 10% instead.

 BA67B4

 BA67B4

FFFFFF

 9E4D99

 F49CEC

 83347F

 FFB8FF

 681866

 FFD4FF

 4F004D

 FFF1FF

 360036

 1E0021

 000004

 000000

 BA67B4

 BA67B4

 BA54B3

 BA7AB5

 BA42B1

 BA8CB7

 BA2FB0

 BA9FB8

 BA1DAF

 BAB1B9

 BA0AAD

 BAC4BB

 BA00AD

 BAD7BC

 BAE9BD

 BAFCBF

 BAFFC0

Harmonies

Analogous

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



837AD4



BA67B4



D45C88

Triad

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



BA67B4



9E8224



009AAF

Complementary

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



BA67B4



67BA6D

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.



009B82



BA67B4



728F30

Square

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



BA67B4



C17138



329754



0095D1

Rectangle

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



BA67B4



D75D6A



329754



009BA1

Sweetspot

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



BA67B4



F2D3F0



6D67BA



7A6779



FAFAFA



7A7A7A

Same Dimension

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



BA67B4



F26FE9



BA678B



5C535B



9C0090



1C001A

Inverse Universe

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



BA67B4



F26FE9



67BA96



5C535B



9C0090



1C001A

Previews

White Background



This preview shows how the Hex color BA67B4 looks on a white background.

Color Contrast Check

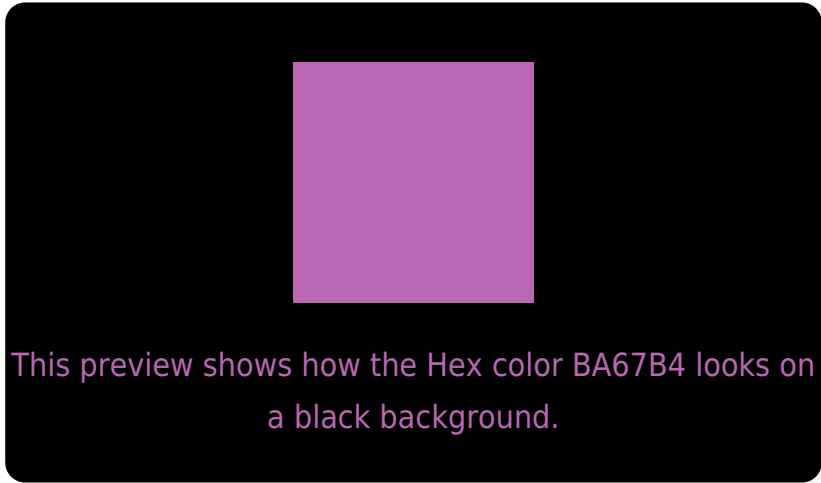
Large Text (above 18pt) WCAG AA ✓ Pass

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

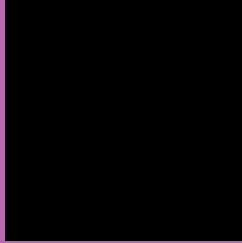
Any Text WCAG AA ✓ Pass

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 BA67B4 Background



This preview shows how black text looks on a background with the Hex color BA67B4.

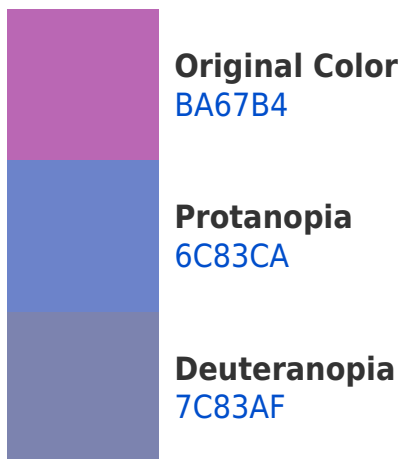


This preview shows how white text looks on a background with the Hex color BA67B4.

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



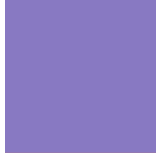


Tritanopia
B3737C

Trichromacy



Original Color
BA67B4



Protanomaly
8879C2



Deuteranomaly
9379B1



Tritanomaly
B66F90

Monochromacy



Original Color
BA67B4



Achromatopsia
898989



Achromatomaly
9B7D99

CSS Examples

Text

The CSS property to change the color of the text to Hex BA67B4 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 #BA67B4 looks like.

```
.text, #text, p{  
    color:#BA67B4  
}
```

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 #BA67B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA67B4
}
```

Border

The CSS property to change the border of an element to Hex BA67B4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

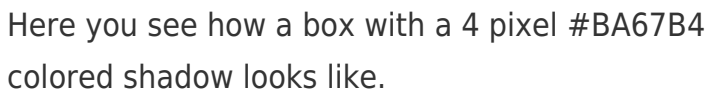
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BA67B4 }
```

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

```
.border{ border-color:#BA67B4 }
```

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



Here you see how a box with a 4 pixel `#BA67B4` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA67B4; -webkit-box-shadow:4px 4px  
4px 4px #BA67B4; box-shadow:4px 4px 4px  
4px #BA67B4 }
```

Background

The CSS property to change the background color of an element to Hex BA67B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA67B4 }
```

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

```
.background{ background-color:#BA67B4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor