

Converting Colors

Hex(BB74E2)

Have a look what the booklet for
Hex(BB74E2) contains.

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Color

Hex(BB74E2)

Conversions

Conversions Part 1

Format	Color
Hex	BB74E2
RGB	187, 116, 226
RGB Percent	73%, 45%, 89%
CMY	0.2667, 0.5451, 0.1137
CMYK	0.17, 0.49, 0.00, 0.11
HSL	279°, 65%, 67%
HSV	279°, 49%, 89%
XYZ	40.4664, 28.5466, 75.3287
YIQ	149.7690, 7.0060, 49.2620

Conversions

Conversions Part 2

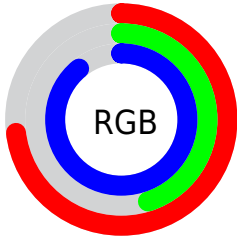
Format	Color
R _{YB}	187, 116, 226
Decimal	12285154
CIE _{Lab}	60.38, 46.92, -45.20
CIE _{LCh}	60, 65.152, 316.073
Y _{xy}	28.5466, 0.2804, 0.1978
Android (android.graphics.Color)	4290475234 (0xFFBB74E2)
YUV	149.7690, 37.5819, 32.6516
Hunter-Lab	53.4290, 41.6927, -46.1918

Details

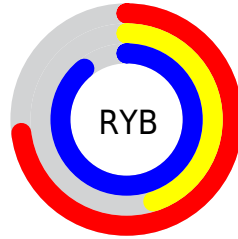
The Hex color **BB74E2** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **9BE274**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **F5AAFF**, and **8341AA** is the 20% darker color. If you saturate the color by 10%, you get **B35DE2**, and if you desaturate by 10%, it is **C38BE2**.

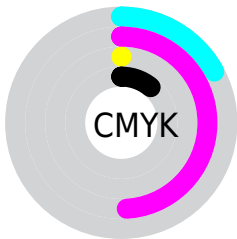
Distribution



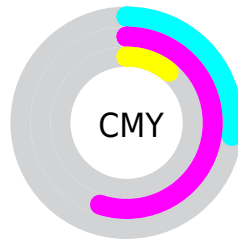
- Red (73%)
- Green (45%)
- Blue (89%)



- Red (73%)
- Yellow (45%)
- Blue (89%)



- Cyan (17%)
- Magenta (49%)
- Yellow (0%)
- Black (11%)



- Cyan (27%)
- Magenta (55%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB74E2 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 BB74E2 by changing the saturation by 10% instead.

 BB74E2

 BB74E2

FFFFFF

 9F5AC6

 F5AAFF

 8341AA

 FFC6FF

 68278F

 FFE2FF

 4E0975

 33005C

 1D0044

 00002C

 000117

 000000

 BB74E2

 BB74E2

 B35DE2

 C38BE2

 AB47E2

 CBA1E2

 A330E2

 D3B8E2

 9B1AE2

 DBCEE2

 9303E2

 E3E5E2

 9200E2

 EBFCE2

 F3FFE2

 FBFFE2

 FFFFE2

Harmonies

Analogous

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



578DFF



BB74E2



EB5CAF

Triad

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



BB74E2



C48510



00ACB0

Complementary

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



BB74E2



9BE274

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.



00AB74



BB74E2



919806

Square

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



BB74E2



E96D40



4CA43B



00A9E3

Rectangle

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



BB74E2



F85788



4CA43B



00AC9C

Sweetspot

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



BB74E2



F1D9FF



749CE2



776980



000000



808080

Same Dimension

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



BB74E2



CB6BFF



E274D3



6C6570



7200B0



1F0030

Inverse Universe

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



E2749B



FF6BA0



74E283



706569



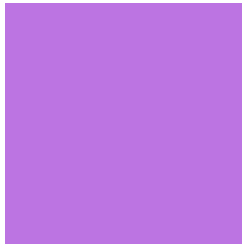
B0003E



300011

Previews

White Background



This preview shows how the Hex color BB74E2 looks on a white background.

Color Contrast Check

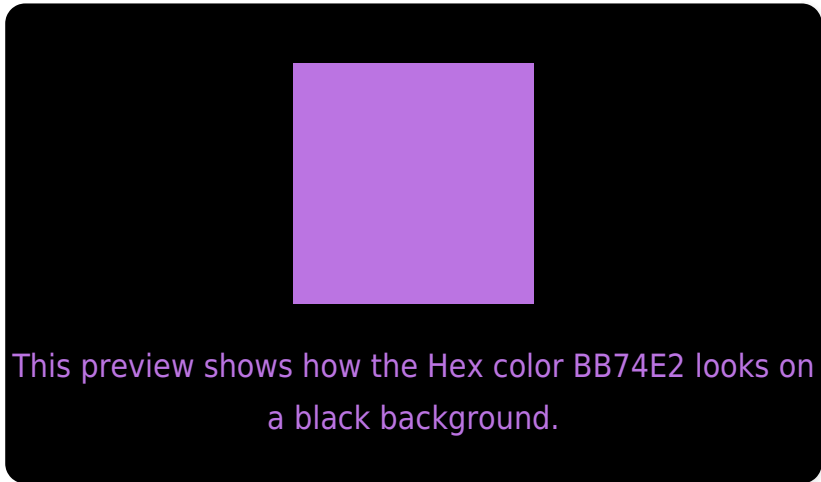
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB74E2 Background



This preview shows how black text looks on a background with the Hex color BB74E2.

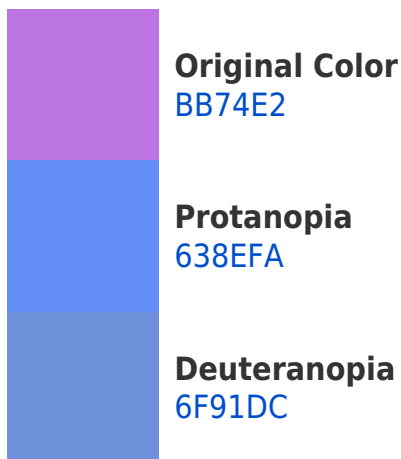


This preview shows how white text looks on a background with the Hex color BB74E2.

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
AE8792

Trichromacy



Original Color
BB74E2



Protanomaly
8385F1



Deuteranomaly
8B86DE



Tritanomaly
B380AF

Monochromacy



Original Color
BB74E2



Achromatopsia
969696



Achromatomaly
A38AB2

CSS Examples

Text

The CSS property to change the color of the text to Hex BB74E2 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 #BB74E2 looks like.

```
.text, #text, p{  
    color:#BB74E2  
}
```

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 #BB74E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB74E2
}
```

Border

The CSS property to change the border of an element to Hex BB74E2 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
#BB74E2 }
```

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

```
.border{ border-color:#BB74E2 }
```

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

Here you see how a box with a 4 pixel #BB74E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB74E2; -webkit-box-shadow:4px 4px  
4px 4px #BB74E2; box-shadow:4px 4px 4px  
4px #BB74E2 }
```

Background

The CSS property to change the background color of an element to Hex BB74E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB74E2 }
```

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

```
.background{ background-color:#BB74E2 }
```

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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