

# Converting Colors

Hex(BF82E0)

Have a look what the booklet for  
Hex(BF82E0) contains.

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# **Color**

**Hex(BF82E0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF82E0
RGB	191, 130, 224
RGB Percent	75%, 51%, 88%
CMY	0.2510, 0.4902, 0.1216
CMYK	0.15, 0.42, 0.00, 0.12
HSL	279°, 60%, 69%
HSV	279°, 42%, 88%
XYZ	42.9230, 32.4234, 74.5171
YIQ	158.9550, 6.1820, 42.1660

# Conversions

## Conversions Part 2

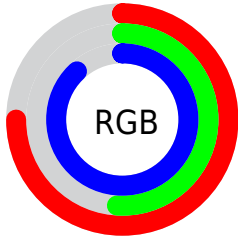
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">191, 130, 224</a>
Decimal	<a href="#">12550880</a>
CIELab	<a href="#">63.69, 40.11, -38.85</a>
CIELCh	<a href="#">64, 55.841, 315.914</a>
Yxy	<a href="#">32.4234, 0.2864, 0.2164</a>
Android (android.graphics.Color)	<a href="#">4290740960 (0xFFBF82E0)</a>
YUV	<a href="#">158.9550, 32.0672, 28.1035</a>
Hunter-Lab	<a href="#">56.9416, 34.9070, -37.7312</a>

# Details

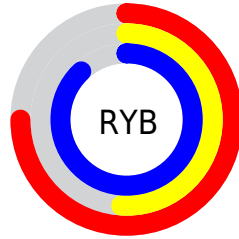
The Hex color **BF82E0** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A3E082**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **F9B8FF**, and **884FA8** is the 20% darker color. If you saturate the color by 10%, you get **B76CE0**, and if you desaturate by 10%, it is **C798E0**.

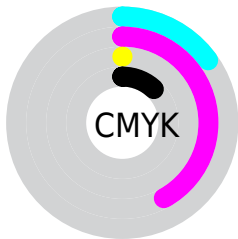
# Distribution



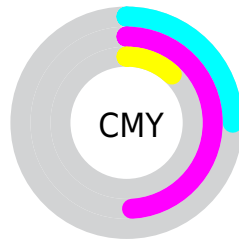
- Red (75%)
- Green (51%)
- Blue (88%)



- Red (75%)
- Yellow (51%)
- Blue (88%)



- Cyan (15%)
- Magenta (42%)
- Yellow (0%)
- Black (12%)



- Cyan (25%)
- Magenta (49%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF82E0 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 BF82E0 by changing the saturation by 10% instead.



 BF82E0

 BF82E0

FFFFFF

 A368C4

 F9B8FF

 884FA8

 FFD4FF

 6D368E

 FFF1FF

 531E74

 3A025B

 220043

 00002C

 000116

 000000

 BF82E0

 BF82E0

 B76CE0

 C798E0

 AF55E0

 CFAFE0

 A73FE0


 D7C5E0

 A028E0

 DEDCE0

 9812E0

 E6F2E0

 9100E0

 EEFFE0

 F6FFE0

 FEFFE0

 FFFFE0

# Harmonies

## Analogous

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



7197FA



BF82E0



E971B4

# Triad

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



BF82E0



C98F35



00B3B4

# Complementary

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



BF82E0



A3E082

# 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.



00B180



BF82E0



9CA033

# Square

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



BF82E0



E97C55



63AB52



00B0E1

# Rectangle

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



BF82E0



F56D92



63AB52



00B3A3



# Sweetspot

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



BF82E0



F3DEFF



82A4E0



786B80



000000



808080



# Same Dimension

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



BF82E0



D280FF



E082D3



6C6570



7200B0



1F0030



# Inverse Universe

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



E082A3



FF80AC



82E08F



706569



B0003E

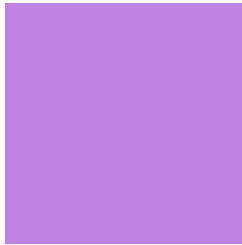


300011



# Previews

## White Background



This preview shows how the Hex color BF82E0 looks on a white background.

## Color Contrast Check

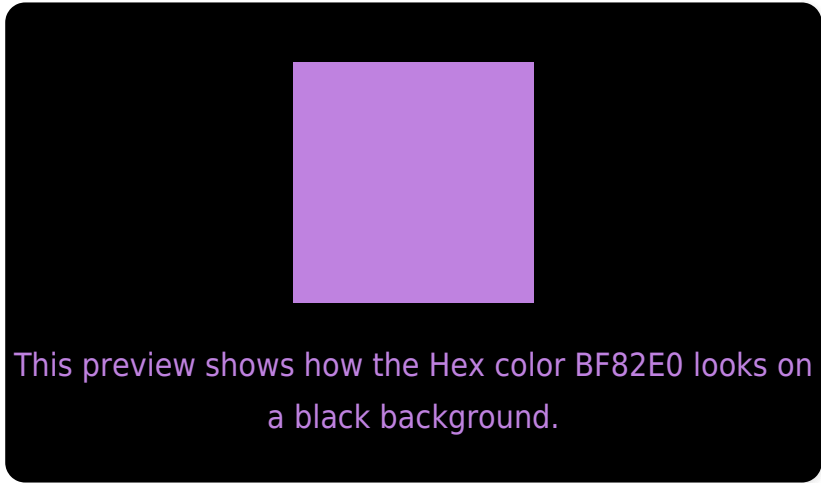
Large Text (above 18pt) WCAG AA × Fail

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

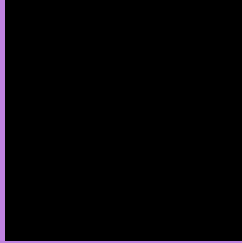
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BF82E0 Background



This preview shows how black text looks on a background with the Hex color BF82E0.

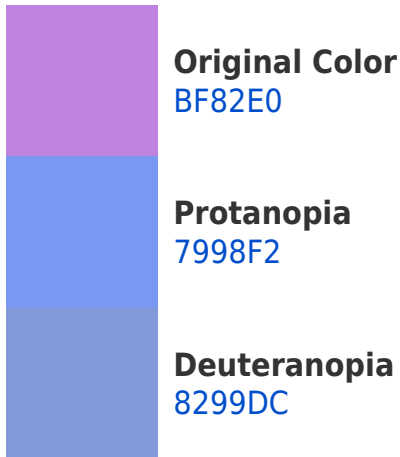



This preview shows how white text looks on a background with the Hex color BF82E0.

# 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](#).

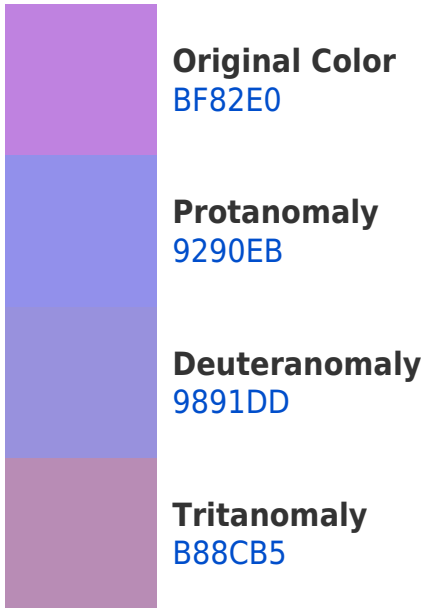
## Dichromacy



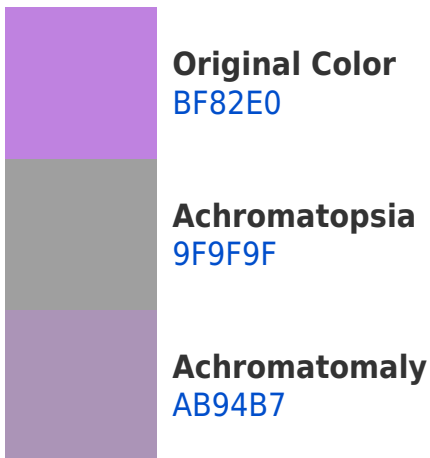


**Tritanopia**  
B4919C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF82E0 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 #BF82E0 looks like.

```
.text, #text, p{  
    color:#BF82E0  
}
```

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 #BF82E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF82E0
}
```

## Border

The CSS property to change the border of an element to Hex BF82E0 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
#BF82E0 }
```

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

```
.border{ border-color:#BF82E0 }
```

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

Here you see how a box with a 4 pixel #BF82E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF82E0; -webkit-box-shadow:4px 4px  
4px 4px #BF82E0; box-shadow:4px 4px 4px  
4px #BF82E0 }
```

# Background

The CSS property to change the background color of an element to Hex BF82E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF82E0 }
```

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

```
.background{ background-color:#BF82E0 }
```

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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