

# Converting Colors

Hex(BC70E0)

Have a look what the booklet for  
Hex(BC70E0) contains.

<b>Hex(BC70E0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(**BC70E0**)

# Conversions

## Conversions Part 1

Format	Color
Hex	BC70E0
RGB	188, 112, 224
RGB Percent	74%, 44%, 88%
CMY	0.2627, 0.5608, 0.1216
CMYK	0.16, 0.50, 0.00, 0.12
HSL	281°, 64%, 66%
HSV	281°, 50%, 88%
XYZ	39.9878, 27.6615, 73.7526
YIQ	147.4920, 9.3440, 50.9440

# Conversions

## Conversions Part 2

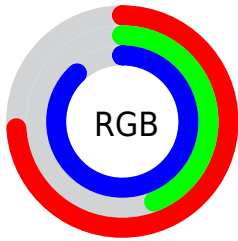
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	188, 112, 224
Decimal	12349664
CIE <sub>Lab</sub>	59.58, 48.87, -45.33
CIE <sub>LCh</sub>	60, 66.660, 317.153
Yxy	27.6615, 0.2828, 0.1956
Android (android.graphics.Color)	4290539744 (0xFFBC70E0)
YUV	147.4920, 37.7184, 35.5255
Hunter-Lab	52.5942, 43.6749, -46.3261

# Details

The Hex color **BC70E0** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **94E070**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **F6A6FF**, and **843CA8** is the 20% darker color. If you saturate the color by 10%, you get **B55AE0**, and if you desaturate by 10%, it is **C386E0**.

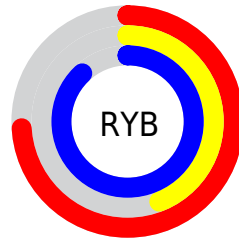
# Distribution



Red (74%)

Green (44%)

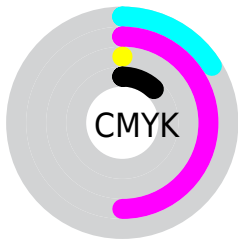
Blue (88%)



Red (74%)

Yellow (44%)

Blue (88%)

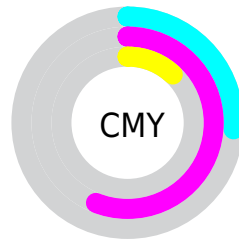


Cyan (16%)

Magenta (50%)

Yellow (0%)

Black (12%)



Cyan (26%)

Magenta (56%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC70E0 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 BC70E0 by changing the saturation by 10% instead.



 BC70E0

 BC70E0

FFFFFF

 A056C4

 F6A6FF

 843CA8

 FFC2FF

 69228D

 FFDEFF

 4E0073

 FFFBFF

 34005A

 1E0042

 00002B

 000115

 000000

 BC70E0

 BC70E0

 B55AE0

 C386E0

 AE43E0

 CA9DE0

 A62DE0

 D2B3E0

 9F16E0

 D9CAE0

 9800E0

 E0E0E0

 E7F6E0

 EEFFE0

 F6FFE0

 FDFFE0

# Harmonies

## Analogous

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



578BFF



BC70E0



EC58AB

# Triad

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



BC70E0



C08401



00ABB0

# Complementary

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



BC70E0



94E070

# 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.



00A973



BC70E0



8C9700

# Square

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



BC70E0



E76A3A



43A339



00A7E5

# Rectangle

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



BC70E0



F85384



43A339



00AB9C



# Sweetspot

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



BC70E0



F3D9FF



7095E0



786980



000000



808080



# Same Dimension

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



BC70E0



CE66FF



E070CD



6D6570



7700B0



210030



# Inverse Universe

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



E07094



FF6697



70E083



706569



B00039

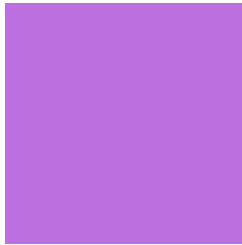


300010



# Previews

## White Background



This preview shows how the Hex color BC70E0 looks on a white background.

## Color Contrast Check

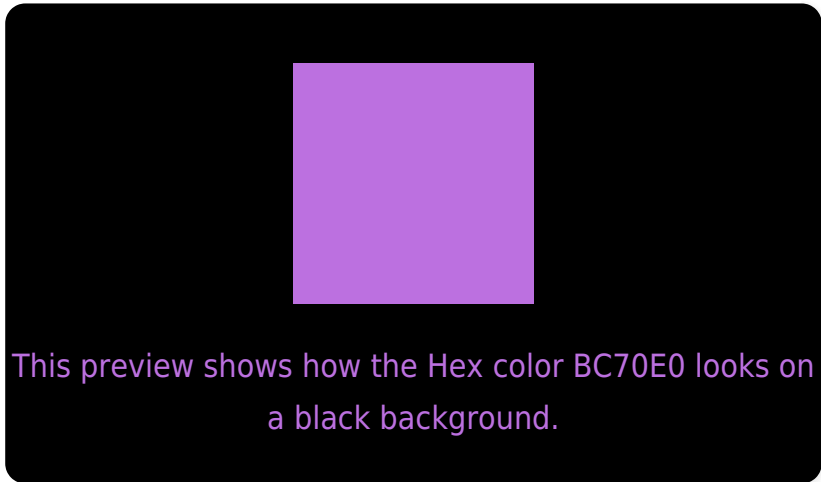
Large Text (above 18pt) WCAG AA ✓ Pass

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

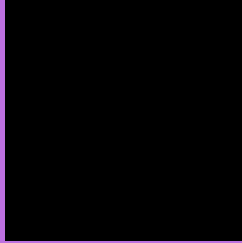
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BC70E0 Background



This preview shows how black text looks on a background with the Hex color BC70E0.

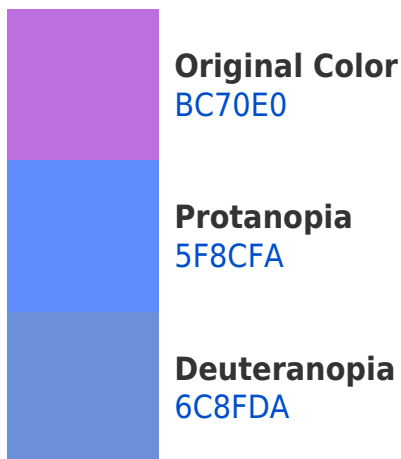


This preview shows how white text looks on a background with the Hex color BC70E0.

# 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](#).

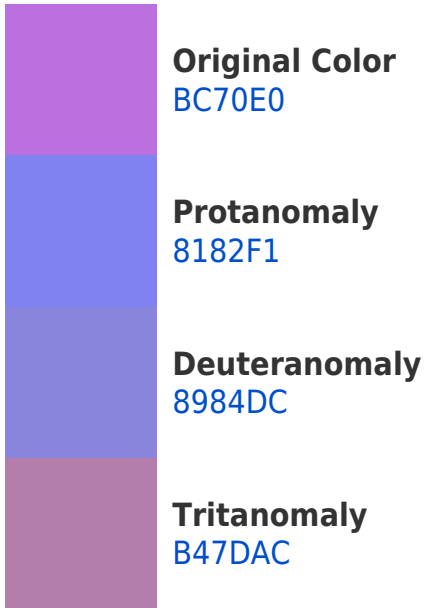
## Dichromacy



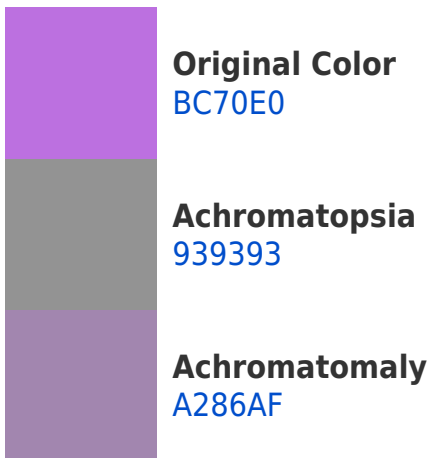


**Tritanopia**  
AF848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC70E0 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 #BC70E0 looks like.

```
.text, #text, p{  
    color:#BC70E0  
}
```

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 #BC70E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC70E0
}
```

## Border

The CSS property to change the border of an element to Hex BC70E0 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
#BC70E0 }
```

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

```
.border{ border-color:#BC70E0 }
```

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

Here you see how a box with a 4 pixel #BC70E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC70E0; -webkit-box-shadow:4px 4px  
4px 4px #BC70E0; box-shadow:4px 4px 4px  
4px #BC70E0 }
```

# Background

The CSS property to change the background color of an element to Hex BC70E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC70E0 }
```

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

```
.background{ background-color:#BC70E0 }
```

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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