

# Converting Colors

Hex(B65BA0)

Have a look what the booklet for  
Hex(B65BA0) contains.

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# Color

Hex(**B65BA0**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B65BA0
RGB	182, 91, 160
RGB Percent	71%, 36%, 63%
CMY	0.2863, 0.6431, 0.3725
CMYK	0.00, 0.50, 0.12, 0.29
HSL	315°, 38%, 54%
HSV	315°, 50%, 71%
XYZ	29.3777, 19.9653, 35.5630
YIQ	126.0750, 32.0870, 40.7510

# Conversions

## Conversions Part 2

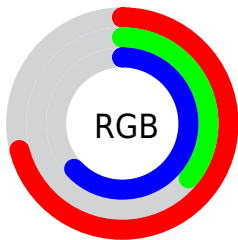
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 91, 160
Decimal	11951008
CIE <sub>Lab</sub>	51.80, 45.83, -20.84
CIE <sub>LCh</sub>	52, 50.346, 335.546
Yxy	19.9653, 0.3460, 0.2351
Android (android.graphics.Color)	4290141088 (0xFFB65BA0)
YUV	126.0750, 16.7250, 49.0462
Hunter-Lab	44.6826, 39.1647, -15.9113

# Details

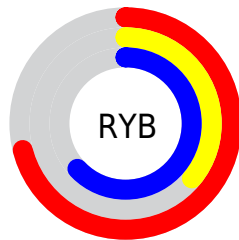
The Hex color **B65BA0** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5BB671**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **F090D7**, and **7F266C** is the 20% darker color. If you saturate the color by 10%, you get **B6499C**, and if you desaturate by 10%, it is **B66DA4**.

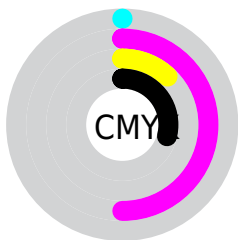
# Distribution



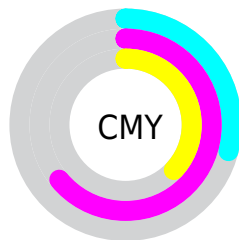
- Red (71%)
- Green (36%)
- Blue (63%)



- Red (71%)
- Yellow (36%)
- Blue (63%)



- Cyan (0%)
- Magenta (50%)
- Yellow (12%)
- Black (29%)



- Cyan (29%)
- Magenta (64%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B65BA0 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 B65BA0 by changing the saturation by 10% instead.



 B65BA0

 B65BA0

FFFFFF

 9A4186

 F090D7

 7F266C

 FFACF3

 640554

 FFC8FF

 4A003C

 FFE4FF

 330027

 120010

 000000

 B65BA0

 B65BA0

 B6499C

 B66DA4

 B63797

 B67FA9

 B62493

 B692AD

 B6128E

 B6A4B2

 B6008A

 B6B6B6

 B6C8BA

 B6DABF

 B6EDC3

 B6FFC8

# Harmonies

## Analogous

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



886DC2



B65BA0



C95375

# Triad

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



B65BA0



8B7C1D



008FAC

# Complementary

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



B65BA0



5BB671

# 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.



009082



B65BA0



5E8730

# Square

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



B65BA0



AE6C2B



058E56



0089CA

# Rectangle

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



B65BA0



C95759



058E56



00909F



# Sweetspot

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



B65BA0



EDCAE5



705BB6



786273



F7F7F7



787878



# Same Dimension

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



B65BA0



ED5FCB



B65B73



5C535A



9C0076



1C0015



# Inverse Universe

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



B65BA0



ED5FCB



5BB69E



5C535A



9C0076

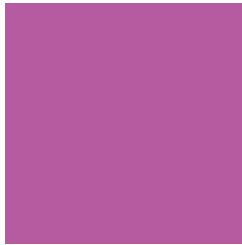


1C0015



# Previews

## White Background



This preview shows how the Hex color B65BA0 looks on a white background.

## Color Contrast Check

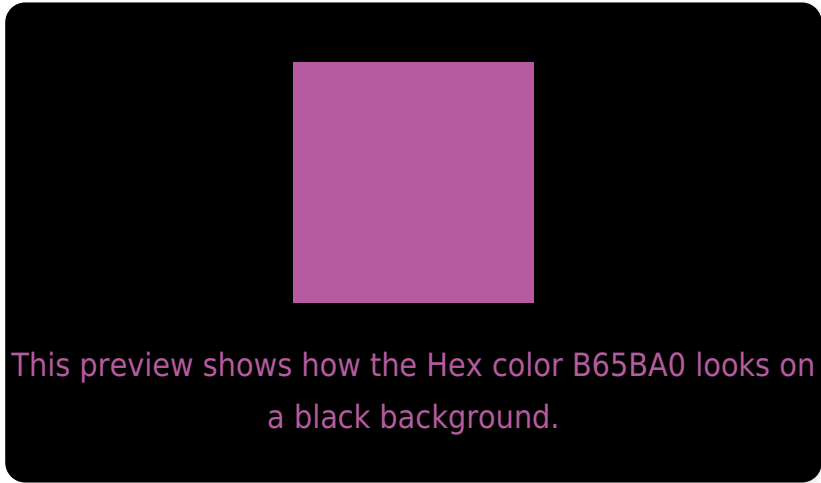
Large Text (above 18pt) WCAG AA ✓ Pass

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 B65BA0 Background



This preview shows how black text looks on a background with the Hex color B65BA0.

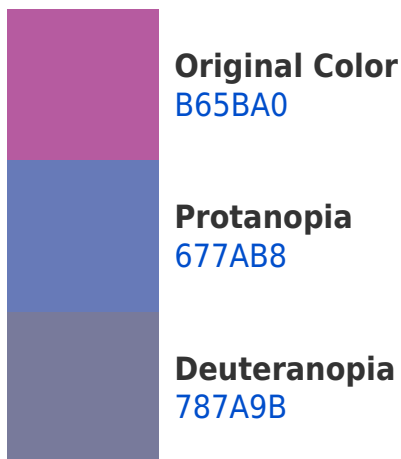



This preview shows how white text looks on a background with the Hex color B65BA0.

# 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**  
B1666E

# Trichromacy



**Original Color**  
B65BA0



**Protanomaly**  
846FAF



**Deuteranomaly**  
8F6F9D



**Tritanomaly**  
B36280

# Monochromacy



**Original Color**  
B65BA0



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
92718A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B65BA0 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 #B65BA0 looks like.

```
.text, #text, p{  
    color:#B65BA0  
}
```

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 #B65BA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B65BA0
}
```

## Border

The CSS property to change the border of an element to Hex B65BA0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

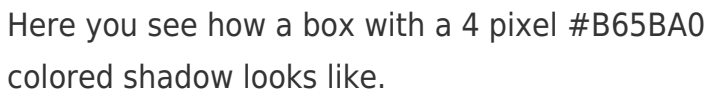
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B65BA0 }
```

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

```
.border{ border-color:#B65BA0 }
```

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



Here you see how a box with a 4 pixel #B65BA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B65BA0; -webkit-box-shadow:4px 4px  
4px 4px #B65BA0; box-shadow:4px 4px 4px  
4px #B65BA0 }
```

# Background

The CSS property to change the background color of an element to Hex B65BA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B65BA0 }
```

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

```
.background{ background-color:#B65BA0 }
```

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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