

# Converting Colors

Hex(B65EA4)

Have a look what the booklet for  
Hex(B65EA4) contains.

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# Color

**Hex(B65EA4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B65EA4
RGB	182, 94, 164
RGB Percent	71%, 37%, 64%
CMY	0.2863, 0.6314, 0.3569
CMYK	0.00, 0.48, 0.10, 0.29
HSL	312°, 38%, 54%
HSV	312°, 48%, 71%
XYZ	29.9949, 20.6308, 37.5232
YIQ	128.2920, 29.9780, 40.4260

# Conversions

## Conversions Part 2

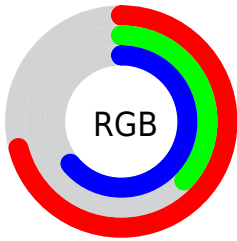
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	182, 94, 164
Decimal	11951780
CIE Lab	52.54, 44.97, -22.04
CIE LCh	53, 50.081, 333.888
Yxy	20.6308, 0.3403, 0.2340
Android (android.graphics.Color)	4290141860 (0xFFB65EA4)
YUV	128.2920, 17.6040, 47.1019
Hunter-Lab	45.4212, 38.3897, -17.1857

# Details

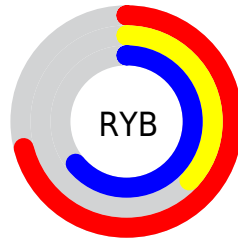
The Hex color **B65EA4** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5EB670**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **F093DB**, and **7F2A70** is the 20% darker color. If you saturate the color by 10%, you get **B64CA0**, and if you desaturate by 10%, it is **B670A8**.

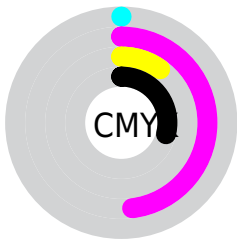
# Distribution



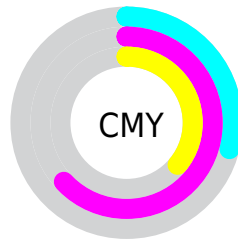
- Red (71%)
- Green (37%)
- Blue (64%)



- Red (71%)
- Yellow (37%)
- Blue (64%)



- Cyan (0%)
- Magenta (48%)
- Yellow (10%)
- Black (29%)



- Cyan (29%)
- Magenta (63%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B65EA4 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 B65EA4 by changing the saturation by 10% instead.



 B65EA4

 B65EA4

FFFFFF

 9A448A

 F093DB

 7F2A70

 FFAFF8

 640B57

 FFCBFF

 4A0040

 FFE7FF

 33002A

 140014

 000000

 B65EA4

 B65EA4

 B64CA0

 B670A8

 B63A9D

 B682AB

 B62799

 B695AF

 B61595

 B6A7B3

 B60391

 B6B9B7

 B60091

 B6CBBA

 B6DDBE

 B6F0C2

 B6FFC6

# Harmonies

## Analogous

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



8670C5



B65EA4



CB557A

# Triad

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



B65EA4



8F7D20



0091AC

# Complementary

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



B65EA4



5EB670

# 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.



009282



B65EA4



638931

# Square

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



B65EA4



B26D2F



198F56



008CCA

# Rectangle

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



B65EA4



CB595D



198F56



00929F



# Sweetspot

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



B65EA4



EDCAE6



705EB6



786273



F7F7F7



787878



# Same Dimension

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



B65EA4



ED64D1



B65E78



5C535A



9C007C



1C0016



# Inverse Universe

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



B65EA4



ED64D1



5EB69C



5C535A



9C007C



1C0016



# Previews

## White Background



This preview shows how the Hex color B65EA4 looks on a white background.

## Color Contrast Check

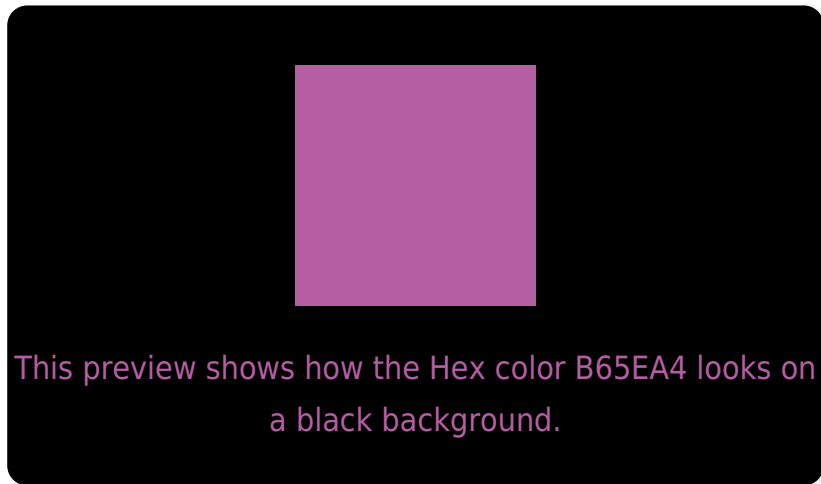
Large Text (above 18pt) WCAG AA ✓ Pass

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

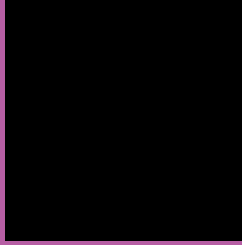
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B65EA4 Background



This preview shows how black text looks on a background with the Hex color B65EA4.

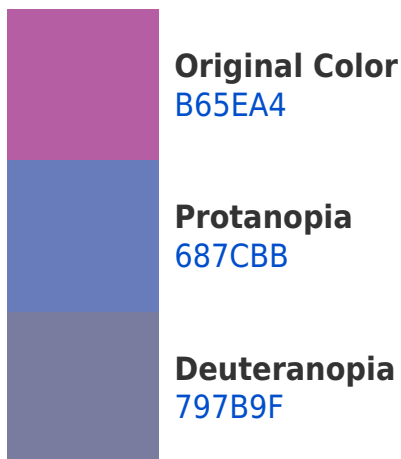



This preview shows how white text looks on a background with the Hex color B65EA4.

# 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](#).

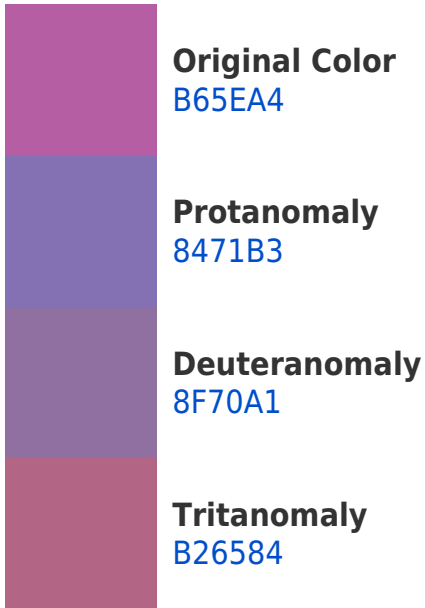
## Dichromacy



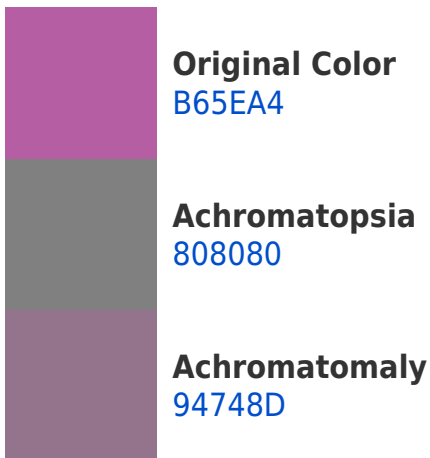


**Tritanopia**  
B06971

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B65EA4 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 #B65EA4 looks like.

```
.text, #text, p{  
    color:#B65EA4  
}
```

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 #B65EA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B65EA4
}
```

## Border

The CSS property to change the border of an element to Hex B65EA4 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
#B65EA4 }
```

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

```
.border{ border-color:#B65EA4 }
```

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

Here you see how a box with a 4 pixel #B65EA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B65EA4; -webkit-box-shadow:4px 4px  
4px 4px #B65EA4; box-shadow:4px 4px 4px  
4px #B65EA4 }
```

# Background

The CSS property to change the background color of an element to Hex B65EA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B65EA4 }
```

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

```
.background{ background-color:#B65EA4 }
```

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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