

# Converting Colors

Hex(B35F7F)

Have a look what the booklet for  
Hex(B35F7F) contains.

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# Color

Hex(B35F7F)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | B35F7F                     |
| RGB           | 179, 95, 127               |
| RGB Percent   | 70%, 37%, 50%              |
| CMY           | 0.2980, 0.6275, 0.5020     |
| CMYK          | 0.00, 0.47, 0.29, 0.30     |
| HSL           | 337°, 36%, 54%             |
| HSV           | 337°, 47%, 70%             |
| XYZ           | 26.5134, 19.3004, 22.4066  |
| YIQ           | 123.7640, 39.7920, 27.7600 |

# Conversions

## Conversions Part 2

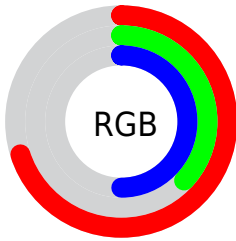
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 179, 95, 127                 |
| Decimal                             | 11755391                     |
| CIE <sub>Lab</sub>                  | 51.04, 37.75, -2.50          |
| CIE <sub>LCh</sub>                  | 51, 37.828, 356.215          |
| Yxy                                 | 19.3004, 0.3886,<br>0.2829   |
| Android<br>(android.graphics.Color) | 4289945471<br>(0xFFB35F7F)   |
| YUV                                 | 123.7640, 1.5953,<br>48.4420 |
| Hunter-Lab                          | 43.9323, 30.8444,<br>0.5131  |

# Details

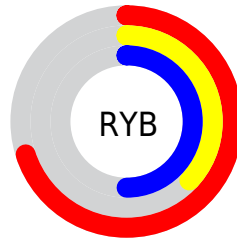
The Hex color **B35F7F** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5FB393**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **ED93B4**, and **7C2D4E** is the 20% darker color. If you saturate the color by 10%, you get **B34D74**, and if you desaturate by 10%, it is **B3718A**.

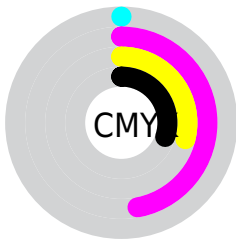
# Distribution



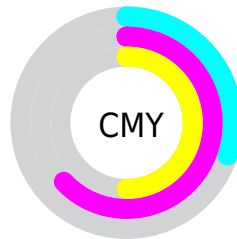
- Red (70%)
- Green (37%)
- Blue (50%)



- Red (70%)
- Yellow (37%)
- Blue (50%)



- Cyan (0%)
- Magenta (47%)
- Yellow (29%)
- Black (30%)



- Cyan (30%)
- Magenta (63%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B35F7F 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 B35F7F by changing the saturation by 10% instead.





B35F7F



B35F7F

FFFFFF



974666



ED93B4



7C2D4E



FFAFCF



611237



FFCBEB



470022



FFE7FF



31000C



000000



B35F7F



B35F7F



B34D74



B3718A



B33B69



B38395

 B3295E

 B395A0

 B31753

 B3A7AB

 B30648

 B3B9B6

 B30044

 B3CAC1

 B3DCCD

 B3EED8

 B3FFE3

# Harmonies

## Analogous

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



9E669E



B35F7F



B6615F

# Triad

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



B35F7F



70803E



0086AE

# Complementary

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



B35F7F



5FB393

# 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.



008A95



B35F7F



498754

# Square

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



B35F7F



917638



008A74



377EBA

# Rectangle

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



B35F7F



AF674C



008A74



0088A7



# Sweetspot

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



B35F7F



E8C8D4



935FB3



756169



F5F5F5



757575



# Same Dimension

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



B35F7F



E86698



B3695F



595054



99003A



1A000A



# Inverse Universe

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



B35F7F



E86698



5FA9B3



595054



99003A

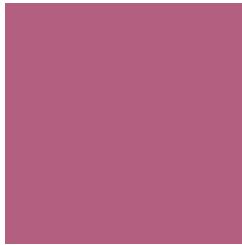


1A000A



# Previews

## White Background



This preview shows how the Hex color B35F7F looks on a white background.

## Color Contrast Check

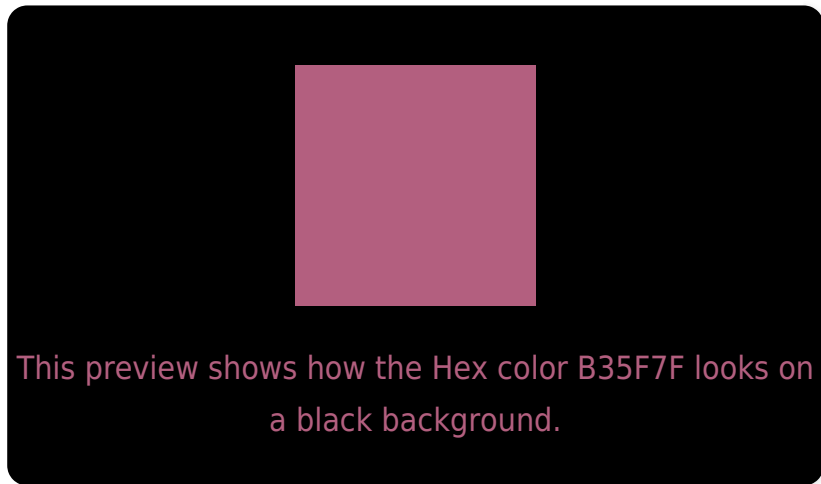
Large Text (above 18pt) WCAG AA ✓ Pass

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 B35F7F Background



This preview shows how black text looks on a background with the Hex color B35F7F.

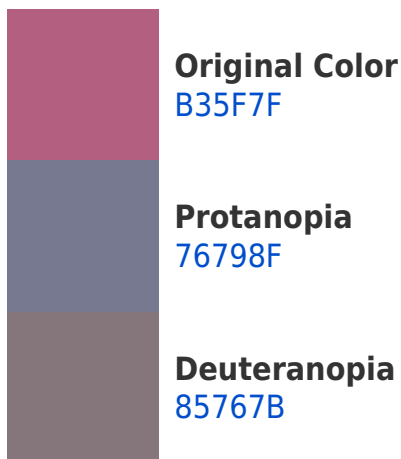



This preview shows how white text looks on a background with the Hex color B35F7F.

# 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](#).

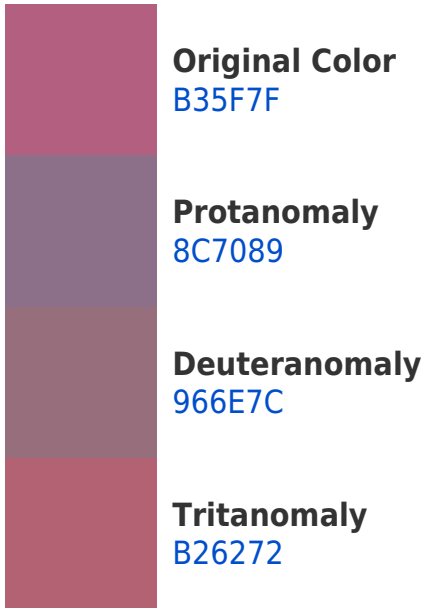
## Dichromacy



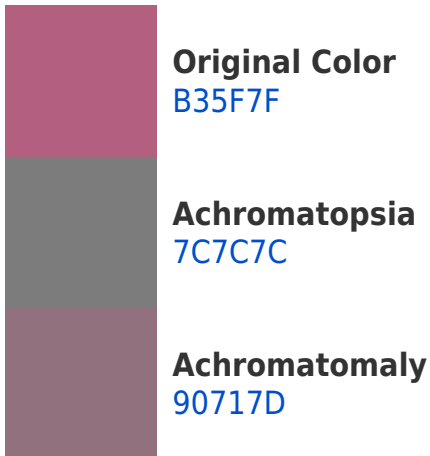


**Tritanopia**  
B1636A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B35F7F 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 #B35F7F looks like.

```
.text, #text, p{  
    color:#B35F7F  
}
```

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 #B35F7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B35F7F
}
```

## Border

The CSS property to change the border of an element to Hex B35F7F 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
#B35F7F }
```

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

```
.border{ border-color:#B35F7F }
```

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

Here you see how a box with a 4 pixel #B35F7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B35F7F; -webkit-box-shadow:4px 4px  
4px 4px #B35F7F; box-shadow:4px 4px 4px  
4px #B35F7F }
```

# Background

The CSS property to change the background color of an element to Hex B35F7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B35F7F }
```

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

```
.background{ background-color:#B35F7F }
```

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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