

# Converting Colors

Hex(B35E97)

Have a look what the booklet for  
Hex(B35E97) contains.

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# Color

**Hex(B35E97)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B35E97
RGB	179, 94, 151
RGB Percent	70%, 37%, 59%
CMY	0.2980, 0.6314, 0.4078
CMYK	0.00, 0.47, 0.16, 0.30
HSL	320°, 36%, 54%
HSV	320°, 47%, 70%
XYZ	28.1790, 19.8235, 31.6193
YIQ	125.9130, 32.3630, 35.7470

# Conversions

## Conversions Part 2

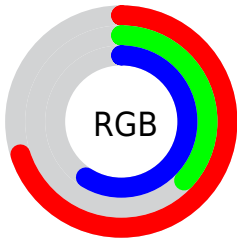
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 94, 151
Decimal	11755159
CIE <sub>Lab</sub>	51.64, 41.86, -15.83
CIE <sub>LCh</sub>	52, 44.753, 339.289
Yxy	19.8235, 0.3539, 0.2490
Android (android.graphics.Color)	4289945239 (0xFFB35E97)
YUV	125.9130, 12.3679, 46.5573
Hunter-Lab	44.5236, 35.0566, -10.9394

# Details

The Hex color **B35E97** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5EB37A**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **EC93CD**, and **7C2B64** is the 20% darker color. If you saturate the color by 10%, you get **B34C91**, and if you desaturate by 10%, it is **B3709D**.

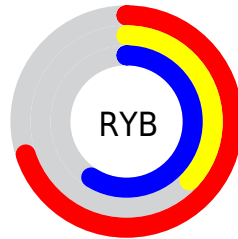
# Distribution



Red (70%)

Green (37%)

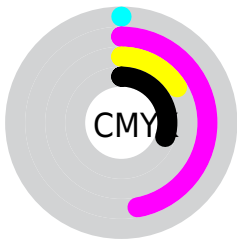
Blue (59%)



Red (70%)

Yellow (37%)

Blue (59%)

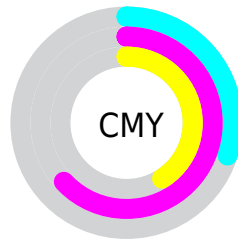


Cyan (0%)

Magenta (47%)

Yellow (16%)

Black (30%)



Cyan (30%)

Magenta (63%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B35E97 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 B35E97 by changing the saturation by 10% instead.



 B35E97

 B35E97

FFFFFF

 97447D

 EC93CD

 7C2B64

 FFAEEA

 620E4C

 FFCAFF

 480035

 FFE7FF

 310020

 0D0004

 000000

 B35E97

 B35E97

 B34C91

 B3709D

 B33A8B

 B382A3

 B32885

 B394A9

 B3167F

 B3A6AF

 B3057A

 B3B8B4

 B30078

 B3C9BA

 B3DBC0

 B3EDC6

 B3FFCC

# Harmonies

## Analogous

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



8D6CB7



B35E97



C25971

# Triad

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



B35E97



857D2B



008CAB

# Complementary

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



B35E97



5EB37A

# 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.



008E86



B35E97



5C873D

# Square

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



B35E97



A66F32



188C5F



0086C2

# Rectangle

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



B35E97



C05D58



188C5F



008D9F



# Sweetspot

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



B35E97



E8C8DD



795EB3



75616F



F5F5F5



757575



# Same Dimension

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



B35E97



E864BC



B35E6E



595056



990067



1A0011



# Inverse Universe

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



B35E97



E864BC



5EB3A3



595056



990067



1A0011



# Previews

## White Background



This preview shows how the Hex color B35E97 looks on a white background.

## Color Contrast Check

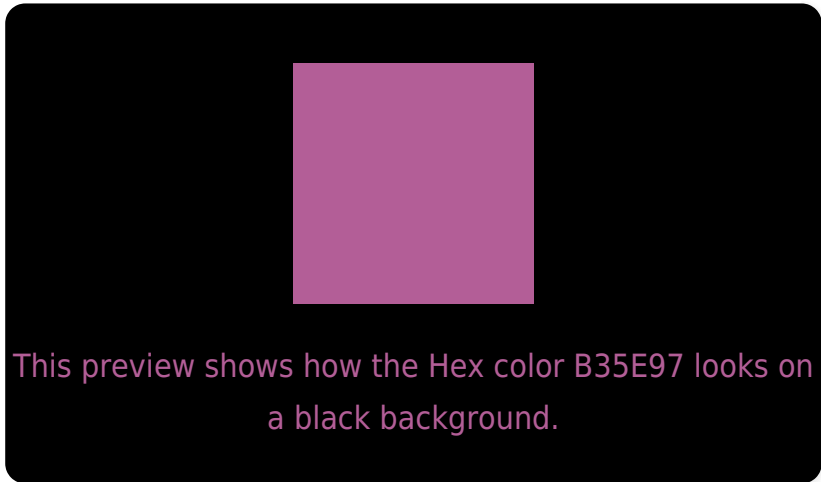
Large Text (above 18pt) WCAG AA ✓ Pass

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 B35E97 Background



This preview shows how black text looks on a background with the Hex color B35E97.



This preview shows how white text looks on a background with the Hex color B35E97.

# 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



**Original Color**  
B35E97

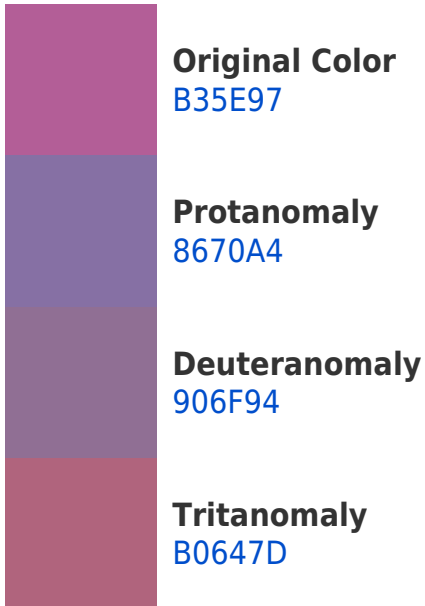
**Protanopia**  
6D7AAB

**Deuteranopia**  
7C7992



**Tritanopia**  
AF676E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B35E97 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 #B35E97 looks like.

```
.text, #text, p{  
    color:#B35E97  
}
```

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 #B35E97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B35E97
}
```

## Border

The CSS property to change the border of an element to Hex B35E97 is called "border". The border property can be set on classes, ids or directly on the HTML element.

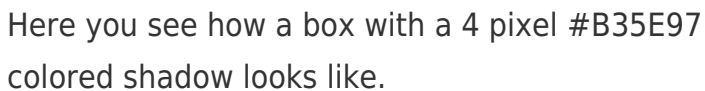
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B35E97 }
```

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

```
.border{ border-color:#B35E97 }
```

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



Here you see how a box with a 4 pixel #B35E97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B35E97; -webkit-box-shadow:4px 4px  
4px 4px #B35E97; box-shadow:4px 4px 4px  
4px #B35E97 }
```

# Background

The CSS property to change the background color of an element to Hex B35E97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B35E97 }
```

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

```
.background{ background-color:#B35E97 }
```

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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