

Converting Colors

Hex(B35EBB)

Have a look what the booklet for
Hex(B35EBB) contains.

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Color

Hex(**B35EBB**)

Conversions

Conversions Part 1

Format	Color
Hex	B35EBB
RGB	179, 94, 187
RGB Percent	70%, 37%, 73%
CMY	0.2980, 0.6314, 0.2667
CMYK	0.04, 0.50, 0.00, 0.27
HSL	295°, 41%, 55%
HSV	295°, 50%, 73%
XYZ	31.5627, 21.1770, 49.4377
YIQ	130.0170, 20.8070, 46.9430

Conversions

Conversions Part 2

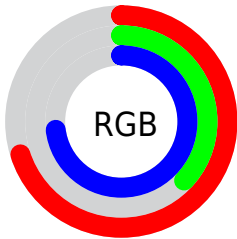
Format	Color
RYB	179, 94, 187
Decimal	11755195
CIELab	53.14, 48.22, -34.51
CIELCh	53, 59.292, 324.408
Yxy	21.1770, 0.3089, 0.2073
Android (android.graphics.Color)	4289945275 (0xFFB35EBB)
YUV	130.0170, 28.0926, 42.9581
Hunter-Lab	46.0184, 41.8958, -31.4825

Details

The Hex color **B35EBB** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **66BB5E**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **EC93F4**, and **7C2985** is the 20% darker color. If you saturate the color by 10%, you get **B14BBB**, and if you desaturate by 10%, it is **B571BB**.

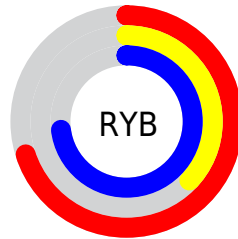
Distribution



Red (70%)

Green (37%)

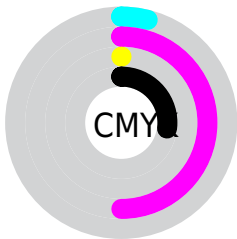
Blue (73%)



Red (70%)

Yellow (37%)

Blue (73%)

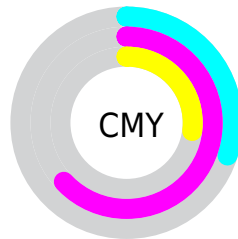


Cyan (4%)

Magenta (50%)

Yellow (0%)

Black (27%)



Cyan (30%)

Magenta (63%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color B35EBB 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 B35EBB by changing the saturation by 10% instead.

 B35EBB

 B35EBB

FFFFFF

 9744A0

 EC93F4

 7C2985

 FFAFFF

 61096C

 FFCBFF

 470053

 FFE8FF

 2F003C

 120025

 00010D

 000000

 B35EBB

 B35EBB

 B14BBB

 B571BB

 B039BB

 B683BB

 AE26BB

 B896BB

 AD13BB

 B9A9BB

 AB01BB

 BBBBBB

 AB00BB

 BDCEBB

 BEE1BB

 C0F4BB

 C1FFBB

Harmonies

Analogous

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



6C75DC



B35EBB



D54C8B

Triad

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



B35EBB



A07900



0096A8

Complementary

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



B35EBB



66BB5E

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.



009673



B35EBB



6F8810

Square

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



B35EBB



C5642B



249240



0092D1

Rectangle

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



B35EBB



DA4C68



249240



009797

Sweetspot

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



B35EBB



EFCEF2



5E67BB



79647A



FAFAFA



7A7A7A

Same Dimension

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



B35EBB



E661F2



BB5E96



5E555E



91009E



1C001F

Inverse Universe

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



BB5E66



F2616D



5EBB83



5E5556



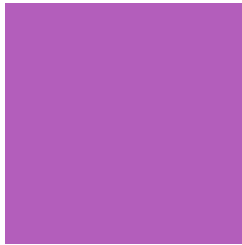
9E000E



1F0003

Previews

White Background



This preview shows how the Hex color B35EBB 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

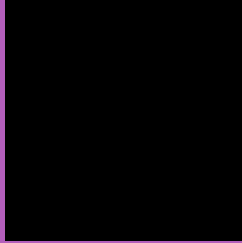
Any Text WCAG AA ✓ Pass

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 B35EBB Background



This preview shows how black text looks on a background with the Hex color B35EBB.

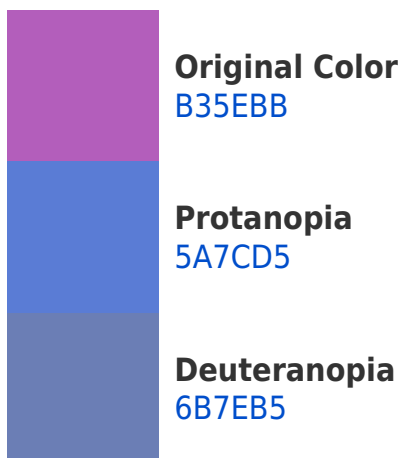


This preview shows how white text looks on a background with the Hex color B35EBB.

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
AA6E77

Trichromacy



Original Color
B35EBB



Protanomaly
7A71CC



Deuteranomaly
8572B7



Tritanomaly
AD6890

Monochromacy



Original Color
B35EBB



Achromatopsia
828282



Achromatomaly
947597

CSS Examples

Text

The CSS property to change the color of the text to Hex B35EBB 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 #B35EBB looks like.

```
.text, #text, p{  
    color:#B35EBB  
}
```

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 #B35EBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B35EBB
}
```

Border

The CSS property to change the border of an element to Hex B35EBB 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
#B35EBB }
```

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

```
.border{ border-color:#B35EBB }
```

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

Here you see how a box with a 4 pixel #B35EBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B35EBB; -webkit-box-shadow:4px 4px  
4px 4px #B35EBB; box-shadow:4px 4px 4px  
4px #B35EBB }
```

Background

The CSS property to change the background color of an element to Hex B35EBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B35EBB }
```

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

```
.background{ background-color:#B35EBB }
```

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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