

Converting Colors

Hex(B35AA7)

Have a look what the booklet for
Hex(B35AA7) contains.

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Color

Hex(B35AA7)

Conversions

Conversions Part 1

Format	Color
Hex	B35AA7
RGB	179, 90, 167
RGB Percent	70%, 35%, 65%
CMY	0.2980, 0.6471, 0.3451
CMYK	0.00, 0.50, 0.07, 0.30
HSL	308°, 37%, 53%
HSV	308°, 50%, 70%
XYZ	29.2216, 19.6861, 38.8189
YIQ	125.3890, 28.3270, 42.8150

Conversions

Conversions Part 2

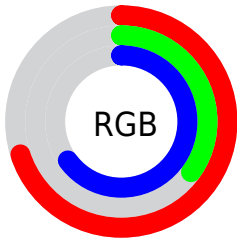
Format	Color
R_{YB}	179, 90, 167
Decimal	11754151
CIE _{Lab}	51.48, 46.60, -25.47
CIE _{LCh}	51, 53.105, 331.340
Yxy	19.6861, 0.3331, 0.2244
Android (android.graphics.Color)	4289944231 (0xFFB35AA7)
YUV	125.3890, 20.5142, 47.0168
Hunter-Lab	44.3690, 39.9153, -20.8151

Details

The Hex color **B35AA7** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **5AB366**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **EC8FDE**, and **7C2573** is the 20% darker color. If you saturate the color by 10%, you get **B348A5**, and if you desaturate by 10%, it is **B36CA9**.

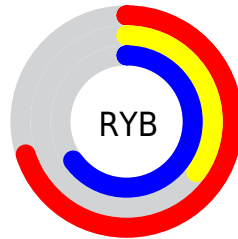
Distribution



Red (70%)

Green (35%)

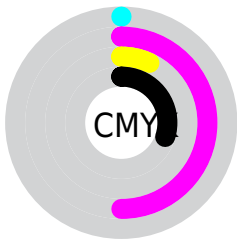
Blue (65%)



Red (70%)

Yellow (35%)

Blue (65%)

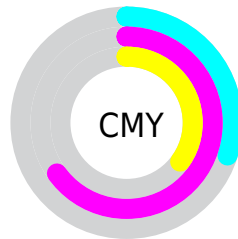


Cyan (0%)

Magenta (50%)

Yellow (7%)

Black (30%)



Cyan (30%)

Magenta (65%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color B35AA7 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 B35AA7 by changing the saturation by 10% instead.

 B35AA7

 B35AA7

FFFFFF

 97408C

 EC8FDE

 7C2573

 FFABFB

 61035A

 FFC7FF

 480042

 FFE3FF

 31002C

 0D0016

 000000

 B35AA7

 B35AA7

 B348A5

 B36CA9

 B336A2

 B37EAC

 B324A0

 B390AE

 B3129D

 B3A2B1

 B3019B

 B3B3B3

 B3009B

 B3C5B5

 B3D7B8

 B3E9BA

 B3FBBD

Harmonies

Analogous

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



7D6EC9



B35AA7



CB4F7B

Triad

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



B35AA7



907913



0090A9

Complementary

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



B35AA7



5AB366

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.



00907B



B35AA7



628626

Square

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



B35AA7



B46829



118D4D



008ACA

Rectangle

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



B35AA7



CC525C



118D4D



00909A

Sweetspot

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



B35AA7



E8C5E3



665AB3



756072



F5F5F5



757575

Same Dimension

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



B35AA7



E85DD5



B35A7B



595058



990084



1A0016

Inverse Universe

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



B35AA7



E85DD5



5AB392



595058



990084



1A0016

Previews

White Background



This preview shows how the Hex color B35AA7 looks on a white background.

Color Contrast Check

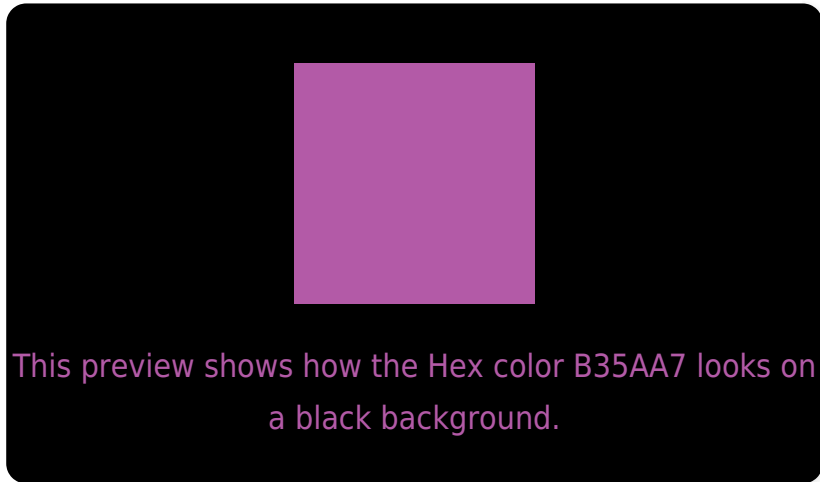
Large Text (above 18pt) WCAG AA ✓ Pass

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

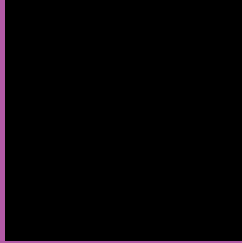
Any Text WCAG AA ✓ Pass

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 B35AA7 Background



This preview shows how black text looks on a background with the Hex color B35AA7.

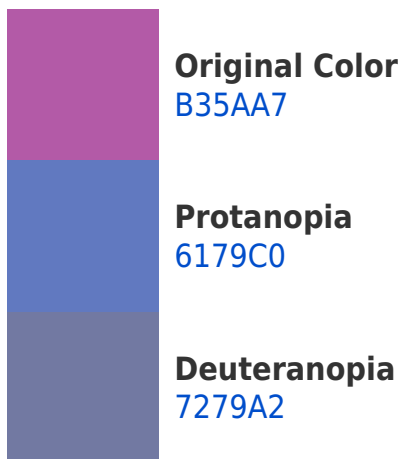



This preview shows how white text looks on a background with the Hex color B35AA7.

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
AC676F

Trichromacy



Original Color
B35AA7



Protanomaly
7F6EB7



Deuteranomaly
8A6EA4



Tritanomaly
AF6283

Monochromacy



Original Color
B35AA7



Achromatopsia
7D7D7D



Achromatomaly
91708C

CSS Examples

Text

The CSS property to change the color of the text to Hex B35AA7 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 #B35AA7 looks like.

```
.text, #text, p{  
    color:#B35AA7  
}
```

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 #B35AA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B35AA7
}
```

Border

The CSS property to change the border of an element to Hex B35AA7 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
#B35AA7 }
```

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

```
.border{ border-color:#B35AA7 }
```

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

Here you see how a box with a 4 pixel #B35AA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B35AA7; -webkit-box-shadow:4px 4px  
4px 4px #B35AA7; box-shadow:4px 4px 4px  
4px #B35AA7 }
```

Background

The CSS property to change the background color of an element to Hex B35AA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B35AA7 }
```

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

```
.background{ background-color:#B35AA7 }
```

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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