

Converting Colors

Hex(A735B0)

Have a look what the booklet for
Hex(A735B0) contains.

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Color

Hex(A735B0)

Conversions

Conversions Part 1

Format	Color
Hex	A735B0
RGB	167, 53, 176
RGB Percent	65%, 21%, 69%
CMY	0.3451, 0.7922, 0.3098
CMYK	0.05, 0.70, 0.00, 0.31
HSL	296°, 54%, 45%
HSV	296°, 70%, 69%
XYZ	25.0459, 13.8963, 42.4365
YIQ	101.1080, 28.4610, 62.4210

Conversions

Conversions Part 2

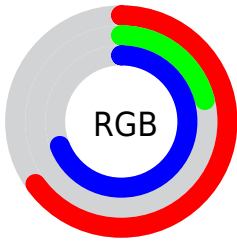
Format	Color
R_{YB}	167, 53, 176
Decimal	10958256
CIE _{Lab}	44.08, 61.57, -42.50
CIE _{LCh}	44, 74.815, 325.386
Yxy	13.8963, 0.3078, 0.1708
Android (android.graphics.Color)	4289148336 (0xFFA735B0)
YUV	101.1080, 36.9218, 57.7873
Hunter-Lab	37.2777, 54.6935, -41.4006

Details

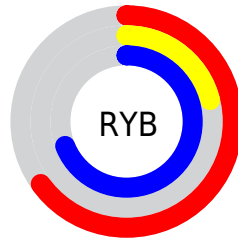
The Hex color **A735B0** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **3EB035**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **E16EE8**, and **6F007B** is the 20% darker color. If you saturate the color by 10%, you get **A623B0**, and if you desaturate by 10%, it is **A847B0**.

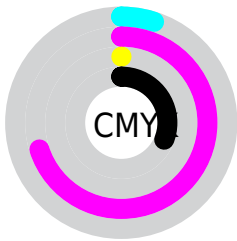
Distribution



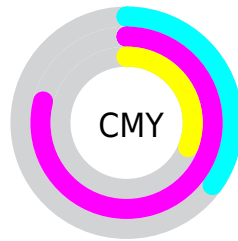
- Red (65%)
- Green (21%)
- Blue (69%)



- Red (65%)
- Yellow (21%)
- Blue (69%)



- Cyan (5%)
- Magenta (70%)
- Yellow (0%)
- Black (31%)



- Cyan (35%)
- Magenta (79%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color A735B0 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 A735B0 by changing the saturation by 10% instead.

 A735B0

 A735B0

FFFFFF

 8B1195

 E16EE8

 6F007B

 FF89FF

 540061

 FFA5FF

 3A0049

 FFC2FF

 1F0032

 FFDFFF

 00011B

 FFFCFF

 000000

 A735B0

 A735B0

 A623B0

 A847B0

 A412B0

 AA58B0

 A300B0

 AB6AB0

 AC7BB0

 AD8DB0

 AF9FB0

 B0B0B0

 B1C2B0

 B3D3B0

Harmonies

Analogous

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



415CDA



A735B0



CD0075

Triad

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



A735B0



886300



00829C

Complementary

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



A735B0



3EB035

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.



00815C



A735B0



4C7400

Square

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



A735B0



B44500



007D15



007FCF

Rectangle

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



A735B0



D2004C



007D15



008288

Sweetspot

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



A735B0



E2B5E6



353FB0



715673



F2F2F2



737373

Same Dimension

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



A735B0



D725E6



B0357D



595059



8E0099



18001A

Inverse Universe

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



B0353E



E62533



35B068



595051



99000B



1A0002

Previews

White Background



This preview shows how the Hex color A735B0 looks on a white background.

Color Contrast Check

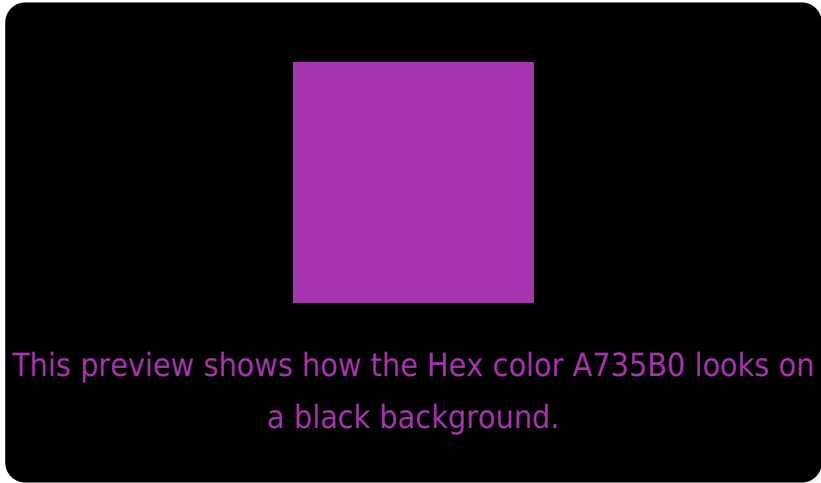
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

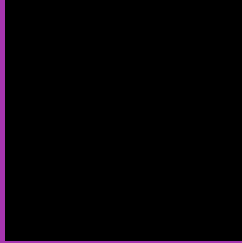
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex A735B0 Background



This preview shows how black text looks on a background with the Hex color A735B0.

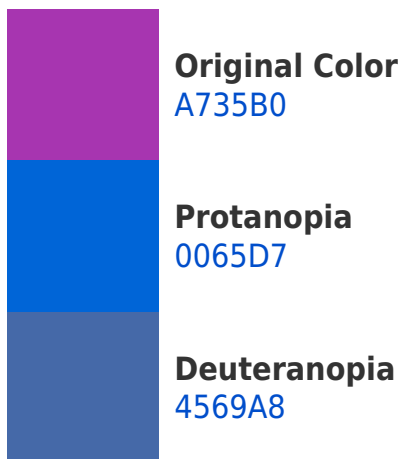



This preview shows how white text looks on a background with the Hex color A735B0.

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](#).

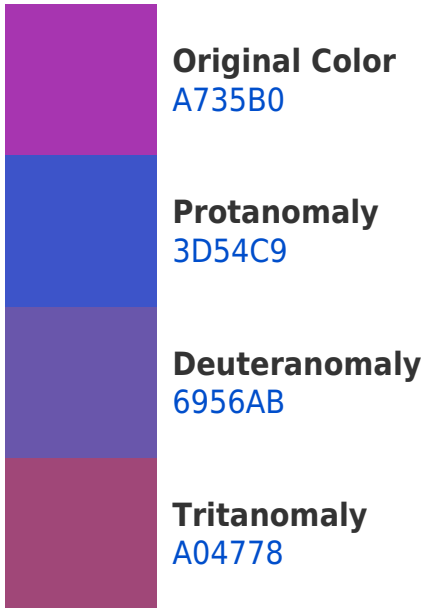
Dichromacy





Tritanopia
9C5258

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A735B0 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 #A735B0 looks like.

```
.text, #text, p{  
    color:#A735B0  
}
```

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 #A735B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A735B0
}
```

Border

The CSS property to change the border of an element to Hex A735B0 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
#A735B0 }
```

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

```
.border{ border-color:#A735B0 }
```

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

Here you see how a box with a 4 pixel #A735B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A735B0; -webkit-box-shadow:4px 4px  
4px 4px #A735B0; box-shadow:4px 4px 4px  
4px #A735B0 }
```

Background

The CSS property to change the background color of an element to Hex A735B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A735B0 }
```

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

```
.background{ background-color:#A735B0 }
```

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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