

Converting Colors

Hex(A72BD0)

Have a look what the booklet for
Hex(A72BD0) contains.

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Color

Hex(A72BD0)

Conversions

Conversions Part 1

Format	Color
Hex	A72BD0
RGB	167, 43, 208
RGB Percent	65%, 17%, 82%
CMY	0.3451, 0.8314, 0.1843
CMYK	0.20, 0.79, 0.00, 0.18
HSL	285°, 66%, 49%
HSV	285°, 79%, 82%
XYZ	28.1854, 14.4973, 60.9872
YIQ	98.8860, 20.9390, 77.6030

Conversions

Conversions Part 2

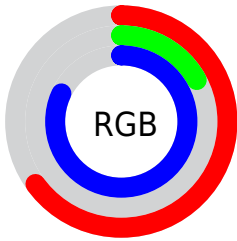
Format	Color
R _Y B	167, 43, 208
Decimal	10955728
CIE _{Lab}	44.94, 70.76, -59.80
CIE _{LCh}	45, 92.645, 319.800
Yxy	14.4973, 0.2719, 0.1398
Android (android.graphics.Color)	4289145808 (0xFFA72BD0)
YUV	98.8860, 53.7932, 59.7360
Hunter-Lab	38.0753, 65.5034, -68.3151

Details

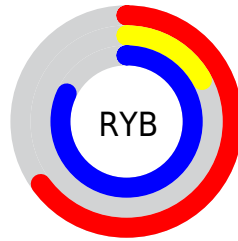
The Hex color **A72BD0** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle washed purple. A complement of this color would be **54D02B**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **E268FF**, and **6D0099** is the 20% darker color. If you saturate the color by 10%, you get **A216D0**, and if you desaturate by 10%, it is **AC40D0**.

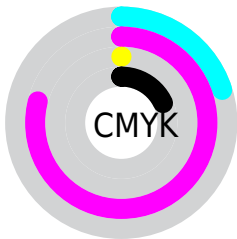
Distribution



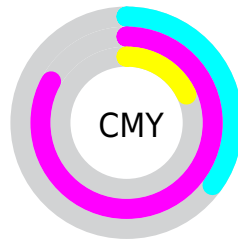
- Red (65%)
- Green (17%)
- Blue (82%)



- Red (65%)
- Yellow (17%)
- Blue (82%)



- Cyan (20%)
- Magenta (79%)
- Yellow (0%)
- Black (18%)



- Cyan (35%)
- Magenta (83%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color A72BD0 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 A72BD0 by changing the saturation by 10% instead.

 A72BD0

 A72BD0

FFFFFF

 8A00B4

 E268FF

 6D0099

 FF84FF

 51007E

 FFA1FF

 340064

 FFBDFF

 15004B

 FFDBFF

 000033

 FFF8FF

 00021D

 000000

 A72BD0

 A72BD0

 A216D0

 AC40D0

 9D01D0

 B155D0

 9C00D0

 B769D0

 BC7ED0

 C193D0

 C6A8D0

 CBBDD0

 D0D1D0

 D6E6D0

Harmonies

Analogous

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



0063FF



A72BD0



E00088

Triad

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



A72BD0



985E00



00889D

Complementary

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



A72BD0



54D02B

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.



00864C



A72BD0



517600

Square

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



A72BD0



CC2C00



008100



0087E1

Rectangle

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



A72BD0



EA0055



008100



008883

Sweetspot

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



A72BD0



F0C2FF



2B54D0



765B80



000000



808080

Same Dimension

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



A72BD0



C30DFF



D02BA7



665E69



7E00A8



1F0029

Inverse Universe

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



D02B54



FF0D49



2BD054



695E61



A8002A



29000A

Previews

White Background



This preview shows how the Hex color A72BD0 looks on a white background.

Color Contrast Check

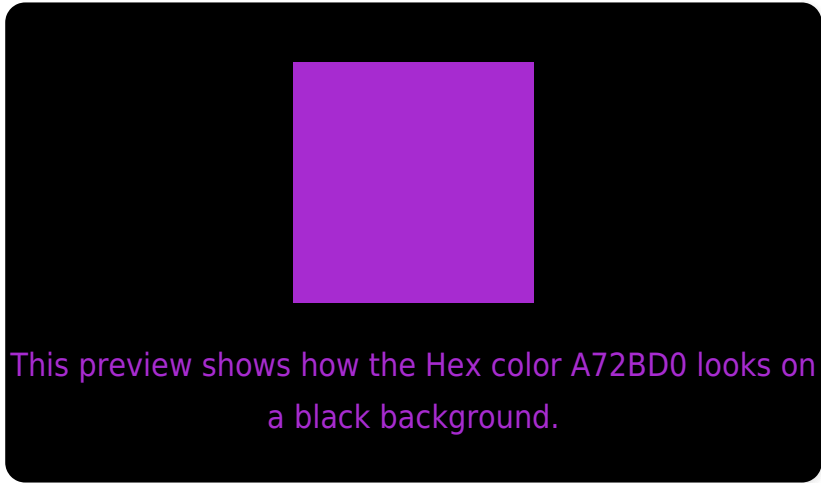
Large Text (above 18pt) WCAG AA ✓ Pass

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

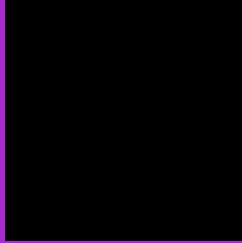
Any Text WCAG AA × Fail

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 A72BD0 Background



This preview shows how black text looks on a background with the Hex color A72BD0.

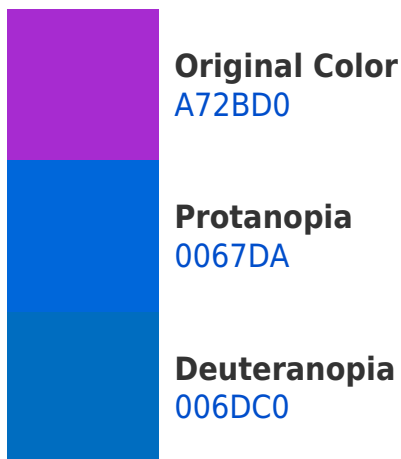



This preview shows how white text looks on a background with the Hex color A72BD0.

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
97595F

Trichromacy



Original Color
A72BD0



Protanomaly
3D51D6



Deuteranomaly
3D55C6



Tritanomaly
9D4888

Monochromacy



Original Color
A72BD0



Achromatopsia
636363



Achromatomaly
7C4F8B

CSS Examples

Text

The CSS property to change the color of the text to Hex A72BD0 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 #A72BD0 looks like.

```
.text, #text, p{  
  color:#A72BD0  
}
```

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 #A72BD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A72BD0
}
```

Border

The CSS property to change the border of an element to Hex A72BD0 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
#A72BD0 }
```

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

```
.border{ border-color:#A72BD0 }
```

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

Here you see how a box with a 4 pixel #A72BD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A72BD0; -webkit-box-shadow:4px 4px  
4px 4px #A72BD0; box-shadow:4px 4px 4px  
4px #A72BD0 }
```

Background

The CSS property to change the background color of an element to Hex A72BD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A72BD0 }
```

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

```
.background{ background-color:#A72BD0 }
```

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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