

Converting Colors

Hex(A72DA6)

Have a look what the booklet for
Hex(A72DA6) contains.

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Color

Hex(A72DA6)

Conversions

Conversions Part 1

Format	Color
Hex	A72DA6
RGB	167, 45, 166
RGB Percent	65%, 18%, 65%
CMY	0.3451, 0.8235, 0.3490
CMYK	0.00, 0.73, 0.01, 0.35
HSL	300°, 58%, 42%
HSV	300°, 73%, 65%
XYZ	23.7577, 12.8454, 37.3036
YIQ	95.2720, 33.8710, 63.4950

Conversions

Conversions Part 2

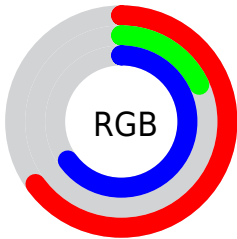
Format	Color
R_{YB}	167, 45, 166
Decimal	10956198
CIE _{Lab}	42.53, 62.68, -39.03
CIE _{LCh}	43, 73.840, 328.088
Yxy	12.8454, 0.3215, 0.1738
Android (android.graphics.Color)	4289146278 (0xFFA72DA6)
YUV	95.2720, 34.8689, 62.9055
Hunter-Lab	35.8405, 55.6017, -36.6220

Details

The Hex color **A72DA6** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **2DA72E**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **E167DE**, and **6F0071** is the 20% darker color. If you saturate the color by 10%, you get **A71CA6**, and if you desaturate by 10%, it is **A73EA6**.

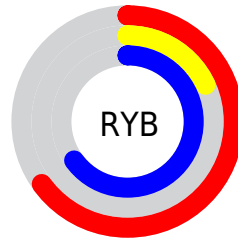
Distribution



Red (65%)

Green (18%)

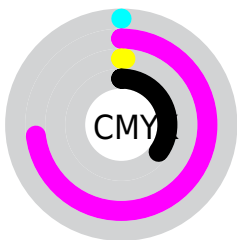
Blue (65%)



Red (65%)

Yellow (18%)

Blue (65%)

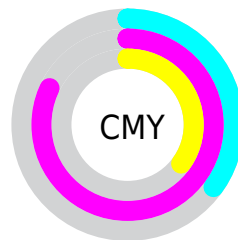


Cyan (0%)

Magenta (73%)

Yellow (1%)

Black (35%)



Cyan (35%)

Magenta (82%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color A72DA6 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 A72DA6 by changing the saturation by 10% instead.

 A72DA6

 A72DA6

FFFFFF

 8B008B

 E167DE

 6F0071

 FF83FA

 540058

 FF9FFF

 3A0041

 FFBCFF

 1F002A

 FFD9FF

 000113

 FFF6FF

 000000

 A72DA6

 A72DA6

 A71CA6

 A73EA6

 A70CA6

 A74EA6

 A700A6

 A75FA6

 A770A7

 A780A7

 A791A7

 A7A2A7

 A7B3A7

 A7C3A7

Harmonies

Analogous

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



4D56D2



A72DA6



C9006B

Triad

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



A72DA6



7E6100



007D9D

Complementary

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



A72DA6



2DA72E

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.



007D5F



A72DA6



417100

Square

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



A72DA6



AB4500



00791B



007ACD

Rectangle

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



A72DA6



CB0043



00791B



007E89

Sweetspot

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



A72DA6



D9A9D8



2D2DA7



6E516D



EDEDED



6E6E6E

Same Dimension

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



A72DA6



D91AD7



A72D6A



544C54



940093



140014

Inverse Universe

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



A72DA6



D91AD7



2DA76A



544C54



940093



140014

Previews

White Background



This preview shows how the Hex color A72DA6 looks on a white background.

Color Contrast Check

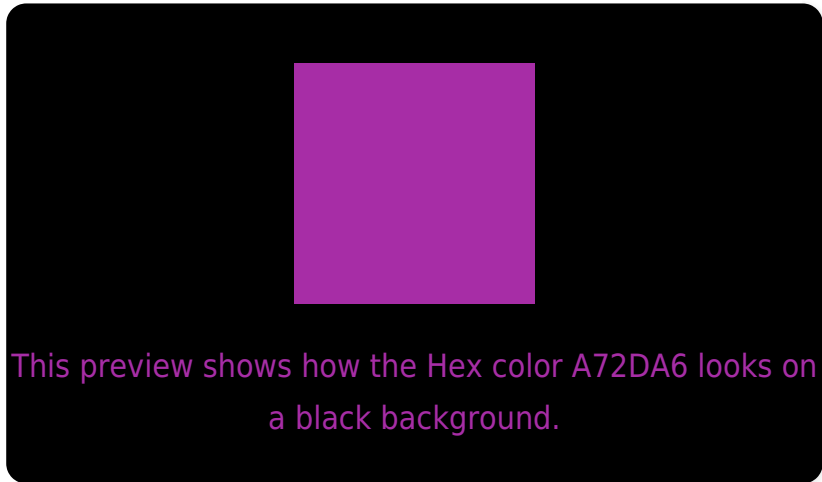
Large Text (above 18pt) WCAG AA ✓ Pass

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

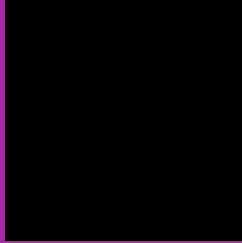
Any Text WCAG AA × Fail

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 A72DA6 Background



This preview shows how black text looks on a background with the Hex color A72DA6.

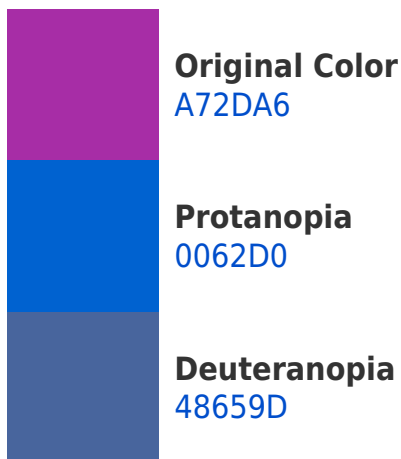



This preview shows how white text looks on a background with the Hex color A72DA6.

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](#).

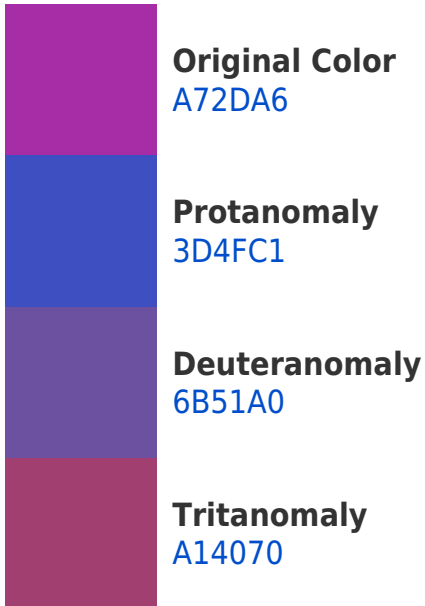
Dichromacy



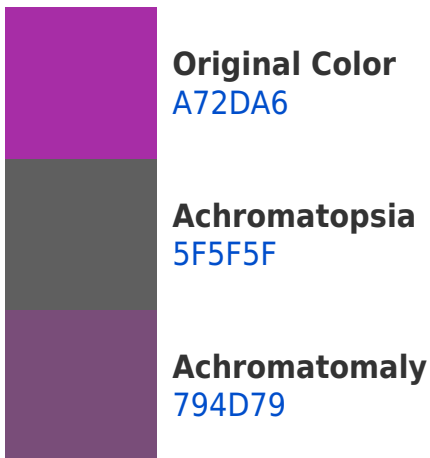


Tritanopia
9D4B51

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A72DA6 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 #A72DA6 looks like.

```
.text, #text, p{  
    color:#A72DA6  
}
```

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 #A72DA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A72DA6
}
```

Border

The CSS property to change the border of an element to Hex A72DA6 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
#A72DA6 }
```

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

```
.border{ border-color:#A72DA6 }
```

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

Here you see how a box with a 4 pixel #A72DA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A72DA6; -webkit-box-shadow:4px 4px  
4px 4px #A72DA6; box-shadow:4px 4px 4px  
4px #A72DA6 }
```

Background

The CSS property to change the background color of an element to Hex A72DA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A72DA6 }
```

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

```
.background{ background-color:#A72DA6 }
```

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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