

Converting Colors

Hex(A72D90)

Have a look what the booklet for
Hex(A72D90) contains.

Hex(A72D90)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A72D90)

Conversions

Conversions Part 1

Format	Color
Hex	A72D90
RGB	167, 45, 144
RGB Percent	65%, 18%, 56%
CMY	0.3451, 0.8235, 0.4353
CMYK	0.00, 0.73, 0.14, 0.35
HSL	311°, 58%, 42%
HSV	311°, 73%, 65%
XYZ	21.9088, 12.1059, 27.5675
YIQ	92.7640, 40.9330, 56.6530

Conversions

Conversions Part 2

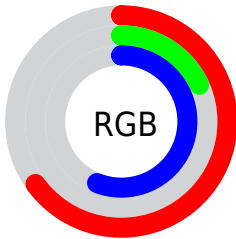
Format	Color
RYB	167, 45, 144
Decimal	10956176
CIELab	41.38, 59.23, -27.59
CIELCh	41, 65.336, 335.024
Yxy	12.1059, 0.3558, 0.1966
Android (android.graphics.Color)	4289146256 (0xFFA72D90)
YUV	92.7640, 25.2593, 65.1050
Hunter-Lab	34.7935, 51.5093, -22.6211

Details

The Hex color **A72D90** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **2DA744**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **E166C6**, and **6F005D** is the 20% darker color. If you saturate the color by 10%, you get **A71C8D**, and if you desaturate by 10%, it is **A73E93**.

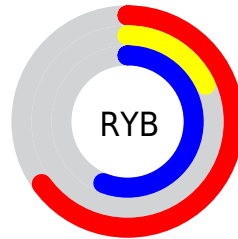
Distribution



Red (65%)

Green (18%)

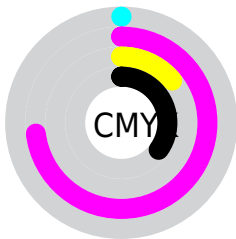
Blue (56%)



Red (65%)

Yellow (18%)

Blue (56%)

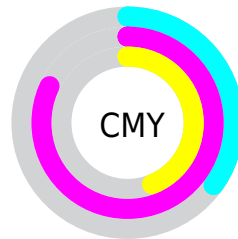


Cyan (0%)

Magenta (73%)

Yellow (14%)

Black (35%)



Cyan (35%)

Magenta (82%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color A72D90 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 A72D90 by changing the saturation by 10% instead.

 A72D90

 A72D90

FFFFFF

 8B0276

 E166C6

 6F005D

 FF82E2

 540045

 FF9EFF

 3B002F

 FFBBFF

 1E0019

 FFD7FF

 000000

 FFF5FF

 A72D90

 A72D90

 A71C8D

 A73E93

 A70C8A

 A74E96

 A70088

 A75F99

 A7709D

 A780A0

 A791A3

 A7A2A6

 A7B3A9

 A7C3AC

Harmonies

Analogous

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



6A4EBB



A72D90



BD145B

Triad

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



A72D90



6F6200



00789E

Complementary

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



A72D90



2DA744

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.



00786A



A72D90



356F00

Square

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



A72D90



9A4D00



007631



0073C4

Rectangle

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



A72D90



BB2338



007631



00788E

Sweetspot

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



A72D90



D9A9D0



432DA7



6E5168



EDEDED



6E6E6E

Same Dimension

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



A72D90



D91AB5



A72D54



544C53



940078



140011

Inverse Universe

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



A72D90



D91AB5



2DA780



544C53



940078



140011

Previews

White Background



This preview shows how the Hex color A72D90 looks on a white background.

Color Contrast Check

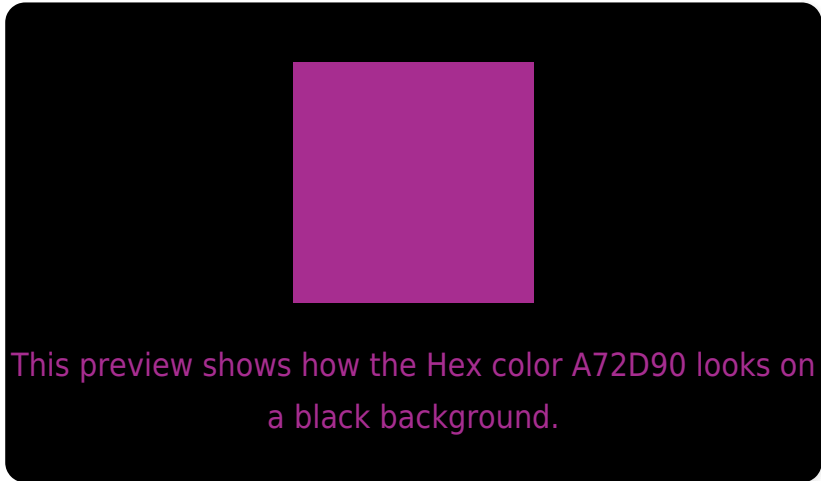
Large Text (above 18pt) WCAG AA ✓ Pass

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

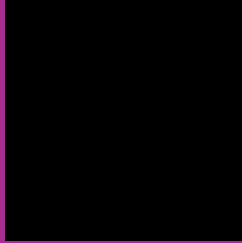
Any Text WCAG AA × Fail

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 A72D90 Background



This preview shows how black text looks on a background with the Hex color A72D90.

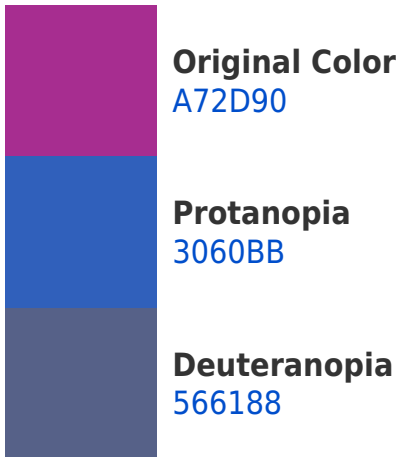


This preview shows how white text looks on a background with the Hex color A72D90.

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
A04449

Trichromacy



Original Color
A72D90



Protanomaly
5B4DAB



Deuteranomaly
734E8B



Tritanomaly
A33C63

Monochromacy



Original Color
A72D90



Achromatopsia
5D5D5D



Achromatomaly
784C70

CSS Examples

Text

The CSS property to change the color of the text to Hex A72D90 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 #A72D90 looks like.

```
.text, #text, p{  
    color:#A72D90  
}
```

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 #A72D90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A72D90
}
```

Border

The CSS property to change the border of an element to Hex A72D90 is called "border". The border property can be set on classes, ids or directly on the HTML element.

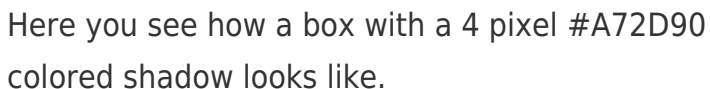
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A72D90 }
```

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

```
.border{ border-color:#A72D90 }
```

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



Here you see how a box with a 4 pixel #A72D90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A72D90; -webkit-box-shadow:4px 4px  
4px 4px #A72D90; box-shadow:4px 4px 4px  
4px #A72D90 }
```

Background

The CSS property to change the background color of an element to Hex A72D90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A72D90 }
```

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

```
.background{ background-color:#A72D90 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor