

Converting Colors

Hex(5702AD)

Have a look what the booklet for
Hex(5702AD) contains.

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Color

Hex(5702AD)

Conversions

Conversions Part 1

Format	Color
Hex	5702AD
RGB	87, 2, 173
RGB Percent	34%, 1%, 68%
CMY	0.6588, 0.9922, 0.3216
CMYK	0.50, 0.99, 0.00, 0.32
HSL	270°, 98%, 34%
HSV	270°, 99%, 68%
XYZ	11.4950, 5.0868, 39.9112
YIQ	46.9090, -4.2310, 71.2010

Conversions

Conversions Part 2

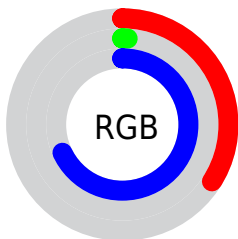
Format	Color
R_{YB}	87, 2, 173
Decimal	5702317
CIE _{Lab}	26.98, 62.00, -69.03
CIE _{LCh}	27, 92.786, 311.930
Yxy	5.0868, 0.2035, 0.0900
Android (android.graphics.Color)	4283892397 (0xFF5702AD)
YUV	46.9090, 62.1629, 35.1598
Hunter-Lab	22.5539, 51.5065, -89.1313

Details

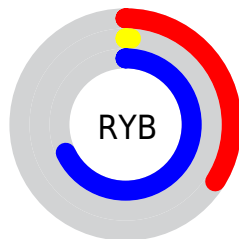
The Hex color **5702AD** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **58AD02**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **9245E6**, and **0D0077** is the 20% darker color. If you saturate the color by 10%, you get **5600AD**, and if you desaturate by 10%, it is **6013AD**.

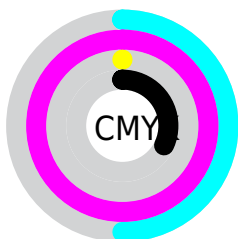
Distribution



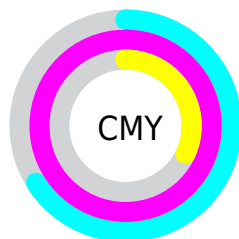
- Red (34%)
- Green (1%)
- Blue (68%)



- Red (34%)
- Yellow (1%)
- Blue (68%)



- Cyan (50%)
- Magenta (99%)
- Yellow (0%)
- Black (32%)



- Cyan (66%)
- Magenta (99%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5702AD 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 5702AD by changing the saturation by 10% instead.

■ 5702AD

■ 5702AD

FFFFFF

■ 380092

■ 9245E6

■ 0D0077

■ AF5FFF

■ 00005D

■ CD7AFF

■ 000345

■ EB96FF

■ 00032D

■ FF22FF

■ 000118

■ FFCEFF

■ 000000

■ FFE8FF

■ 5702AD

■ 5702AD

■ 5600AD

■ 6013AD

■ 6825AD

■ 7136AD

■ 7A47AD

■ 8359AD

■ 8B6AAD

■ 947BAD

■ 9D8CAD

■ A59EAD

Harmonies

Analogous

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



0044D1



5702AD



A0006E

Triad

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



5702AD



702A00



00565C

Complementary

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



5702AD



58AD02

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.



00540B



5702AD



344600

Square

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



5702AD



9B0000



005100



0058A0

Rectangle

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



5702AD



AF003F



005100



005643

Sweetspot

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



5702AD



BF9DE0



025AAD



5C4870



F0F0F0



707070

Same Dimension

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



5702AD



7000E0



AA02AD



524E57



4B0096



0B0017

Inverse Universe

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



AD0258



E00071



05AD02



574E52



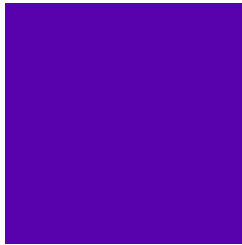
96004C



17000C

Previews

White Background



This preview shows how the Hex color 5702AD 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

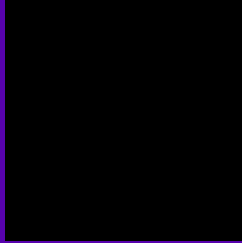
Any Text WCAG AA × Fail

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 5702AD Background



This preview shows how black text looks on a background with the Hex color 5702AD.

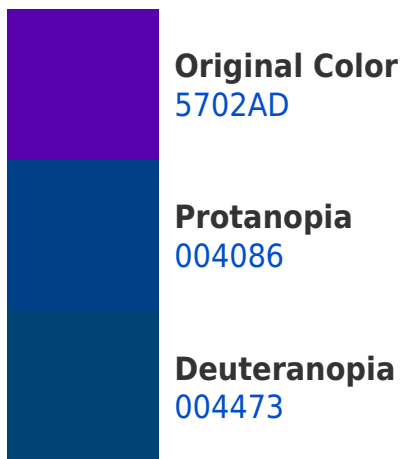


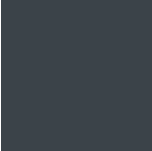
This preview shows how white text looks on a background with the Hex color 5702AD.

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
3B4349

Trichromacy



Original Color
5702AD

Protanomaly
202994

Deuteranomaly
202C88

Tritanomaly
452B6D

Monochromacy



Original Color
5702AD

Achromatopsia
2F2F2F

Achromatomaly
3E1F5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5702AD 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 #5702AD looks like.

```
.text, #text, p{  
    color:#5702AD  
}
```

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 #5702AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5702AD
}
```

Border

The CSS property to change the border of an element to Hex 5702AD is called "border". The border property can be set on classes, ids or directly on the HTML element.

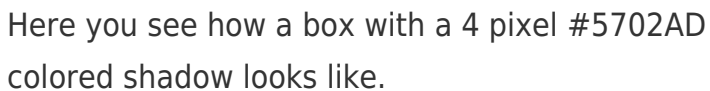
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5702AD }
```

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

```
.border{ border-color:#5702AD }
```

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



Here you see how a box with a 4 pixel #5702AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5702AD; -webkit-box-shadow:4px 4px  
4px 4px #5702AD; box-shadow:4px 4px 4px  
4px #5702AD }
```

Background

The CSS property to change the background color of an element to Hex 5702AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5702AD }
```

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

```
.background{ background-color:#5702AD }
```

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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