

Converting Colors

Hex(A00082)

Have a look what the booklet for
Hex(A00082) contains.

Hex(A00082)	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(A00082)

Conversions

Conversions Part 1

Format	Color
Hex	A00082
RGB	160, 0, 130
RGB Percent	63%, 0%, 51%
CMY	0.3725, 1.0000, 0.4902
CMYK	0.00, 1.00, 0.19, 0.37
HSL	311°, 100%, 31%
HSV	311°, 100%, 63%
XYZ	18.5265, 9.0853, 21.8963
YIQ	62.6600, 53.6300, 74.3500

Conversions

Conversions Part 2

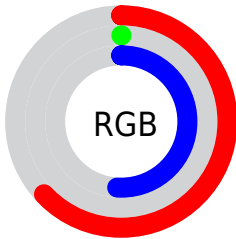
Format	Color
R_{YB}	160, 0, 130
Decimal	10485890
CIE _{Lab}	36.15, 65.13, -27.26
CIE _{LCh}	36, 70.605, 337.285
Yxy	9.0853, 0.3742, 0.1835
Android (android.graphics.Color)	4288675970 (0xFFA00082)
YUV	62.6600, 33.1986, 85.3672
Hunter-Lab	30.1418, 56.9657, -21.9715

Details

The Hex color **A00082** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **00A01E**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **DA4FB7**, and **680050** is the 20% darker color. If you saturate the color by 10%, you get **A00082**, and if you desaturate by 10%, it is **A01085**.

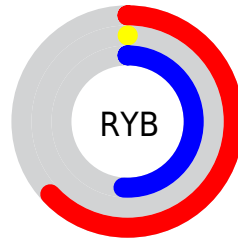
Distribution



Red (63%)

Green (0%)

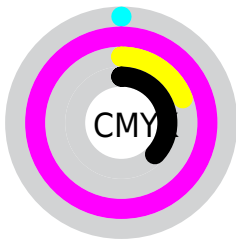
Blue (51%)



Red (63%)

Yellow (0%)

Blue (51%)

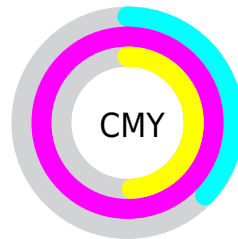


Cyan (0%)

Magenta (100%)

Yellow (19%)

Black (37%)



Cyan (37%)

Magenta (100%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color A00082 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 A00082 by changing the saturation by 10% instead.

 A00082

 A00082

FFFFFF

 840069

 DA4FB7

 680050

 F86CD3

 4C0039

 FF89F0

 320023

 FFA5FF

 0A0008

 FFC2FF

 000000

 FFDFFF

 FFFDFF

 A00082

 A01085

 A02088

 A0308B

 A0408E

 A05091

 A06094

 A07097

 A0809A

 A0909D

Harmonies

Analogous

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



613DB1



A00082



B4004A

Triad

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



A00082



5C5700



006B99

Complementary

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



A00082



00A01E

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.



006C62



A00082



146400

Square

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



A00082



8A4100



006925



0067BF

Rectangle

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



A00082



B00026



006925



006C88

Sweetspot

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



A00082



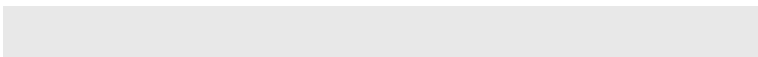
D192C5



1D00A0



694361



E8E8E8



696969

Same Dimension

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



A00082



D100AA



A00033



4F474E



8F0074



0F000C

Inverse Universe

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



A00082



D100AA



00A06D



4F474E



8F0074



0F000C

Previews

White Background



This preview shows how the Hex color A00082 looks on a white background.

Color Contrast Check

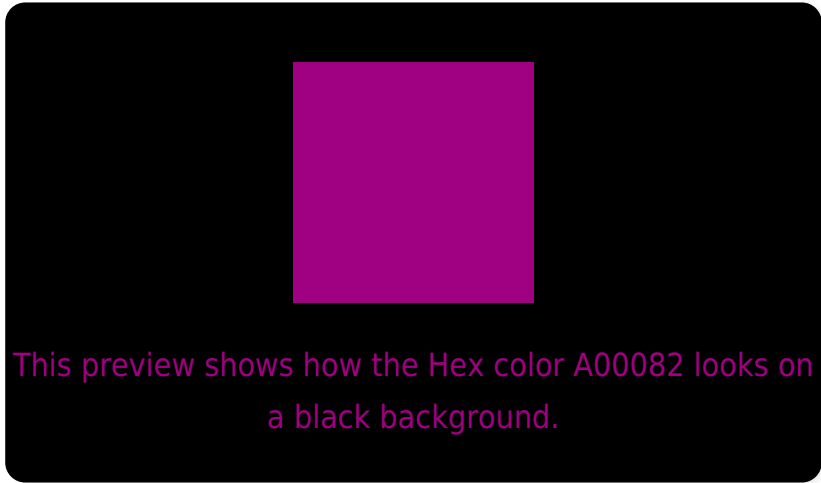
Large Text (above 18pt) WCAG AA ✓ Pass

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

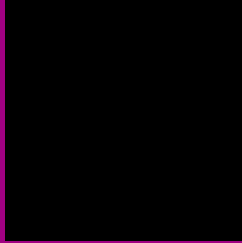
Any Text WCAG AA × Fail

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 A00082 Background



This preview shows how black text looks on a background with the Hex color A00082.

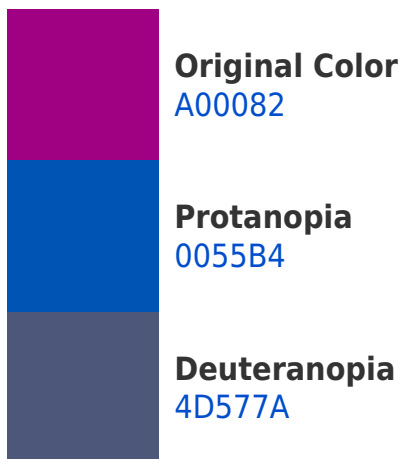



This preview shows how white text looks on a background with the Hex color A00082.

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
9A3336

Trichromacy



Original Color
A00082



Protanomaly
3A36A2



Deuteranomaly
6B377D



Tritanomaly
9C2052

Monochromacy



Original Color
A00082



Achromatopsia
3F3F3F



Achromatomaly
622857

CSS Examples

Text

The CSS property to change the color of the text to Hex A00082 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 #A00082 looks like.

```
.text, #text, p{  
    color:#A00082  
}
```

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 #A00082 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A00082
}
```

Border

The CSS property to change the border of an element to Hex A00082 is called "border". The border property can be set on classes, ids or directly on the HTML element.

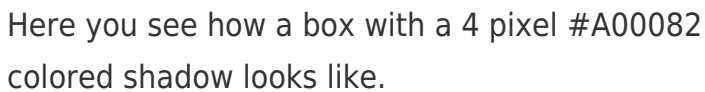
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A00082 }
```

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

```
.border{ border-color:#A00082 }
```

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



Here you see how a box with a 4 pixel #A00082 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A00082; -webkit-box-shadow:4px 4px  
4px 4px #A00082; box-shadow:4px 4px 4px  
4px #A00082 }
```

Background

The CSS property to change the background color of an element to Hex A00082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A00082 }
```

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

```
.background{ background-color:#A00082 }
```

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