

Converting Colors

Hex(A00072)

Have a look what the booklet for
Hex(A00072) contains.

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Color

Hex(A00072)

Conversions

Conversions Part 1

Format	Color
Hex	A00072
RGB	160, 0, 114
RGB Percent	63%, 0%, 45%
CMY	0.3725, 1.0000, 0.5529
CMYK	0.00, 1.00, 0.29, 0.37
HSL	317°, 100%, 31%
HSV	317°, 100%, 63%
XYZ	17.5345, 8.6885, 16.6725
YIQ	60.8360, 58.7660, 69.3740

Conversions

Conversions Part 2

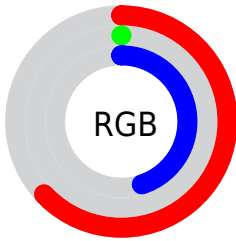
Format	Color
RYB	160, 0, 114
Decimal	10485874
CIELab	35.38, 63.18, -18.42
CIELCh	35, 65.810, 343.749
Yxy	8.6885, 0.4088, 0.2026
Android (android.graphics.Color)	4288675954 (0xFFA00072)
YUV	60.8360, 26.2099, 86.9668
Hunter-Lab	29.4762, 54.6005, -12.9025

Details

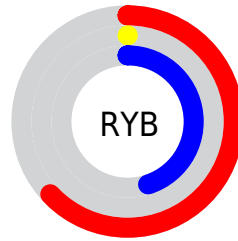
The Hex color **A00072** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **00A02E**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **DB4FA6**, and **670042** is the 20% darker color. If you saturate the color by 10%, you get **A00072**, and if you desaturate by 10%, it is **A01077**.

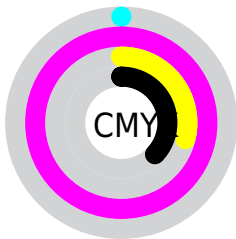
Distribution



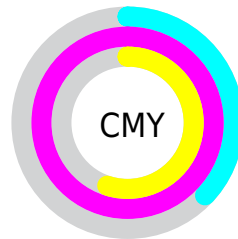
- Red (63%)
- Green (0%)
- Blue (45%)



- Red (63%)
- Yellow (0%)
- Blue (45%)



- Cyan (0%)
- Magenta (100%)
- Yellow (29%)
- Black (37%)



- Cyan (37%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color A00072 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 A00072 by changing the saturation by 10% instead.

 A00072

 A00072

FFFFFF

 830059

 DB4FA6

 670042

 F96BC1

 4C002B

 FF88DD

 310017

 FFA4FA

 000000

 FFC1FF

 FFDEFF

 FFFCFF

 A00072

 A01077

 A0207B

 A03080

 A04084

 A05089

 A0608E

 A07092

 A08097

 A0909B

Harmonies

Analogous

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



7136A0



A00072



AC003E

Triad

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



A00072



515900



00689C

Complementary

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



A00072



00A02E

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.



00696B



A00072



006200

Square

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



A00072



7D4600



006733



0062BA

Rectangle

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



A00072



A5171C



006733



00698D

Sweetspot

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



A00072



D192BF



2D00A0



69435E



E8E8E8



696969

Same Dimension

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



A00072



D10095



A00023



4F474D



8F0066



0F000B

Inverse Universe

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



A00072



D10095



00A07D



4F474D



8F0066



0F000B

Previews

White Background



This preview shows how the Hex color A00072 looks on a white background.

Color Contrast Check

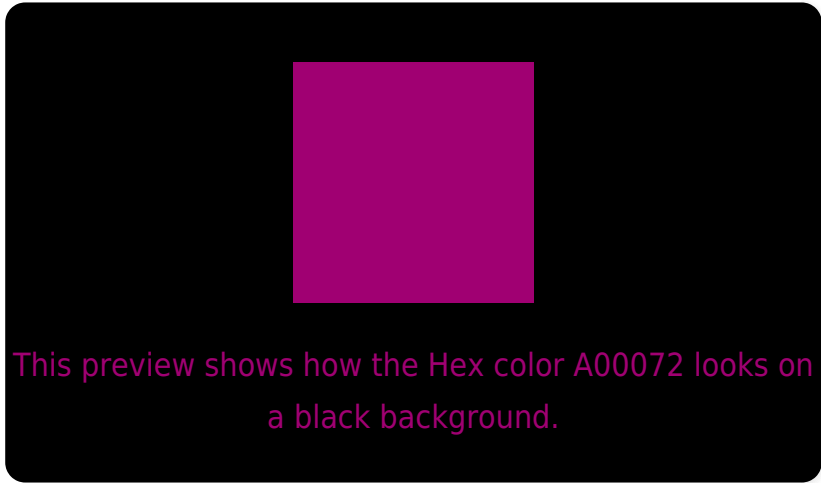
Large Text (above 18pt) WCAG AA ✓ Pass

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

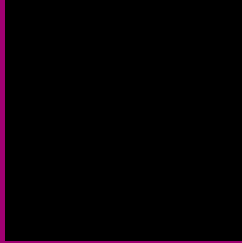
Any Text WCAG AA × Fail

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 A00072 Background



This preview shows how black text looks on a background with the Hex color A00072.

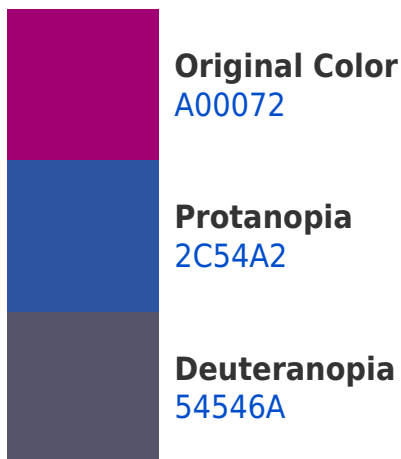


This preview shows how white text looks on a background with the Hex color A00072.

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
9B2D2F

Trichromacy



Original Color
A00072

Protanomaly
563591

Deuteranomaly
70356D

Tritanomaly
9D1D47

Monochromacy



Original Color
A00072

Achromatopsia
3D3D3D

Achromatomaly
612750

CSS Examples

Text

The CSS property to change the color of the text to Hex A00072 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 #A00072 looks like.

```
.text, #text, p{  
    color:#A00072  
}
```

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 #A00072 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A00072
}
```

Border

The CSS property to change the border of an element to Hex A00072 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".

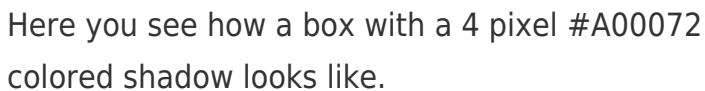
```
.border, #border, table{ border:4px solid
#A00072 }
```

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

```
.border{ border-color:#A00072 }
```

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

Here you see how a box with a 4 pixel #A00072 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A00072; -webkit-box-shadow:4px 4px  
4px 4px #A00072; box-shadow:4px 4px 4px  
4px #A00072 }
```

Background

The CSS property to change the background color of an element to Hex A00072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A00072 }
```

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

```
.background{ background-color:#A00072 }
```

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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