

Converting Colors

Hex(6A004A)

Have a look what the booklet for
Hex(6A004A) contains.

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Color

Hex(6A004A)

Conversions

Conversions Part 1

Format	Color
Hex	6A004A
RGB	106, 0, 74
RGB Percent	42%, 0%, 29%
CMY	0.5843, 1.0000, 0.7098
CMYK	0.00, 1.00, 0.30, 0.58
HSL	318°, 100%, 21%
HSV	318°, 100%, 42%
XYZ	7.1799, 3.5586, 6.7870
YIQ	40.1300, 39.4220, 45.4860

Conversions

Conversions Part 2

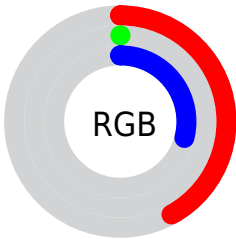
Format	Color
RYB	106, 0, 74
Decimal	6946890
CIELab	22.15, 46.90, -13.52
CIElCh	22, 48.811, 343.926
Yxy	3.5586, 0.4097, 0.2031
Android (android.graphics.Color)	4285136970 (0xFF6A004A)
YUV	40.1300, 16.6979, 57.7680
Hunter-Lab	18.8642, 34.9264, -8.1266

Details

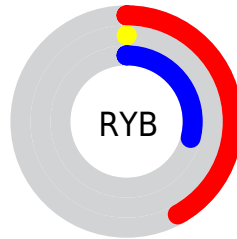
The Hex color **6A004A** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **006A20**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **A1407B**, and **37001E** is the 20% darker color. If you saturate the color by 10%, you get **6A004A**, and if you desaturate by 10%, it is **6A0B4D**.

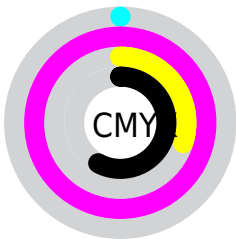
Distribution



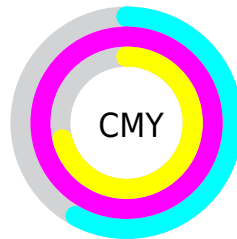
- Red (42%)
- Green (0%)
- Blue (29%)



- Red (42%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (30%)
- Black (58%)



- Cyan (58%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A004A 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 6A004A by changing the saturation by 10% instead.

 6A004A

 6A004A

FFFFFF

 4F0033

 A1407B

 37001E

 BD5A95

 1A0001

 DA74AF

 000000

 F88FCB

 FFABE7

 FFC7FF

 FFE4FF

 6A004A

■ 6A0B4D

■ 6A1550

■ 6A2054

■ 6A2A57

■ 6A355A

■ 6A405D

■ 6A4A60

■ 6A5564

■ 6A5F67

Harmonies

Analogous

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



4A216A



6A004A



720026

Triad

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



6A004A



333900



004367

Complementary

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



6A004A



006A20

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.



004446



6A004A



003F00

Square

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



6A004A



522C00



00431F



003F7C

Rectangle

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



6A004A



6D0C0E



00431F



00445D

Sweetspot

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



6A004A



8A607D



20006A



452C3D



C4C4C4



454545

Same Dimension

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



6A004A



8A0060



6A0015



363034



750052



F500AB

Inverse Universe

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



6A004A



8A0060



006A55



363034



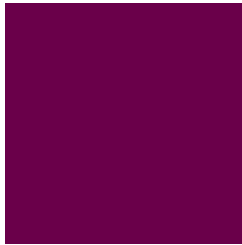
750052



F500AB

Previews

White Background



This preview shows how the Hex color 6A004A looks on a white background.

Color Contrast Check

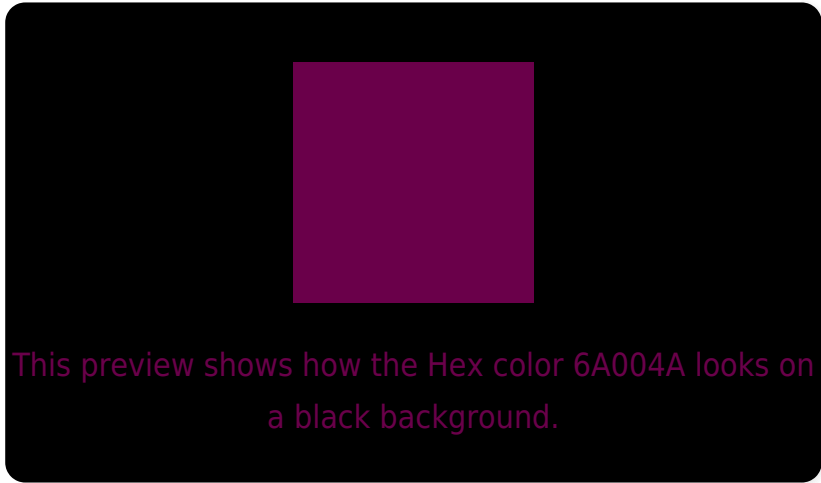
Large Text (above 18pt) WCAG AA ✓ Pass

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

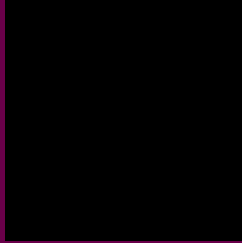
Any Text WCAG AA × Fail

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 6A004A Background



This preview shows how black text looks on a background with the Hex color 6A004A.

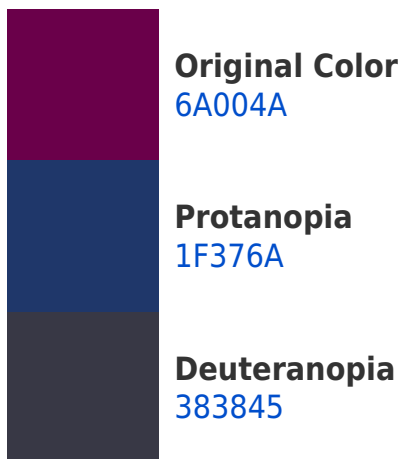


This preview shows how white text looks on a background with the Hex color 6A004A.

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
671D1E

Trichromacy



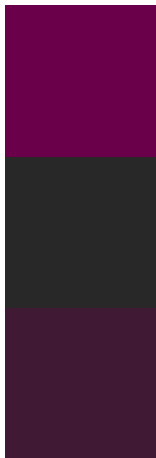
Original Color
6A004A

Protanomaly
3A235E

Deuteranomaly
4A2447

Tritanomaly
68122E

Monochromacy



Original Color
6A004A

Achromatopsia
282828

Achromatomaly
401934

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A004A 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 #6A004A looks like.

```
.text, #text, p{  
    color:#6A004A  
}
```

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 #6A004A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A004A
}
```

Border

The CSS property to change the border of an element to Hex 6A004A is called "border". The border property can be set on classes, ids or directly on the HTML element.

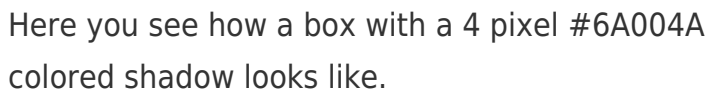
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A004A }
```

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

```
.border{ border-color:#6A004A }
```

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



Here you see how a box with a 4 pixel #6A004A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A004A; -webkit-box-shadow:4px 4px  
4px 4px #6A004A; box-shadow:4px 4px 4px  
4px #6A004A }
```

Background

The CSS property to change the background color of an element to Hex 6A004A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A004A }
```

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

```
.background{ background-color:#6A004A }
```

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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