

# Converting Colors

Hex(6D004A)

Have a look what the booklet for  
Hex(6D004A) contains.

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# Color

**Hex(6D004A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D004A
RGB	109, 0, 74
RGB Percent	43%, 0%, 29%
CMY	0.5725, 1.0000, 0.7098
CMYK	0.00, 1.00, 0.32, 0.57
HSL	319°, 100%, 21%
HSV	319°, 100%, 43%
XYZ	7.5427, 3.7456, 6.8040
YIQ	41.0270, 41.2100, 46.1220

# Conversions

## Conversions Part 2

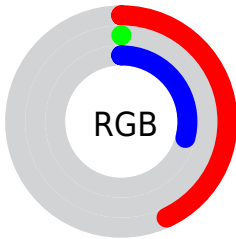
Format	Color
<a href="#">RYB</a>	<a href="#">109, 0, 74</a>
Decimal	<a href="#">7143498</a>
CIELab	<a href="#">22.81, 47.57, -12.45</a>
CIElCh	<a href="#">23, 49.174, 345.336</a>
Yxy	<a href="#">3.7456, 0.4169, 0.2070</a>
Android (android.graphics.Color)	<a href="#">4285333578 (0xFF6D004A)</a>
YUV	<a href="#">41.0270, 16.2557, 59.6123</a>
Hunter-Lab	<a href="#">19.3536, 35.6982, -7.2966</a>

# Details

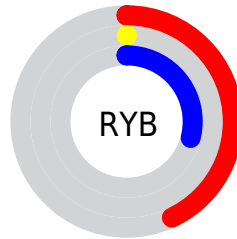
The Hex color **6D004A** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **006D23**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **A4407B**, and **39001E** is the 20% darker color. If you saturate the color by 10%, you get **6D004A**, and if you desaturate by 10%, it is **6D0B4D**.

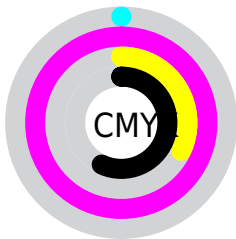
# Distribution



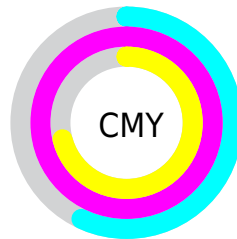
- Red (43%)
- Green (0%)
- Blue (29%)



- Red (43%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (32%)
- Black (57%)



- Cyan (57%)
- Magenta (100%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D004A 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 6D004A by changing the saturation by 10% instead.



 6D004A

 6D004A

FFFFFF

 520033

 A4407B

 39001E

 C15B95

 1E0001

 DE75AF

 000000

 FB90CB

 FFACE7

 FFC8FF

 FFE5FF

 6D004A

 6D0B4D

 6D1651

 6D2154

 6D2C58

 6D375B

 6D415F

 6D4C63

 6D5766

 6D626A

# Harmonies

## Analogous

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



4E216B



6D004A



740026

# Triad

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



6D004A



333B00



00456A

# Complementary

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



6D004A



006D23

# 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.



004649



6D004A



004100

# Square

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



6D004A



532E00



004422



00407E

# Rectangle

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



6D004A



6F0F0D



004422



004560



# Sweetspot

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



6D004A



8F6481



23006D



472E3F



C7C7C7



474747



# Same Dimension

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



6D004A



8F0061



6D0014



363034



750050



F500A6



# Inverse Universe

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



6D004A



8F0061



006D59



363034



750050



F500A6



# Previews

## White Background



This preview shows how the Hex color 6D004A looks on a white background.

## Color Contrast Check

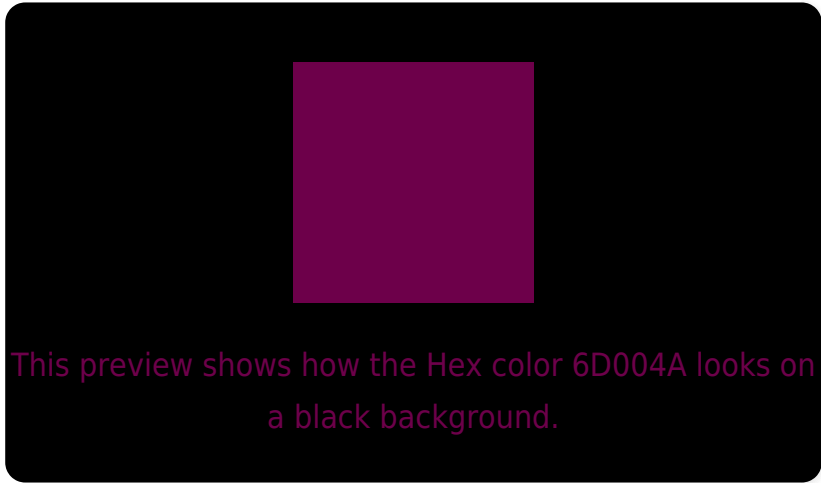
Large Text (above 18pt) WCAG AA ✓ Pass

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

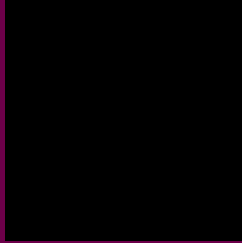
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6D004A Background



This preview shows how black text looks on a background with the Hex color 6D004A.



This preview shows how white text looks on a background with the Hex color 6D004A.

# 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



**Original Color**  
6D004A

**Protanopia**  
22396A

**Deuteranopia**  
3B3945



**Tritanopia**  
6A1D1E

# Trichromacy



**Original Color**  
6D004A

**Protanomaly**  
3D245E

**Deuteranomaly**  
4D2447

**Tritanomaly**  
6B122E

# Monochromacy



**Original Color**  
6D004A

**Achromatopsia**  
292929

**Achromatomaly**  
421A35

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D004A 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 #6D004A looks like.

```
.text, #text, p{  
    color:#6D004A  
}
```

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 #6D004A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D004A
}
```

## Border

The CSS property to change the border of an element to Hex 6D004A is called "border". The border property can be set on classes, ids or directly on the HTML element.

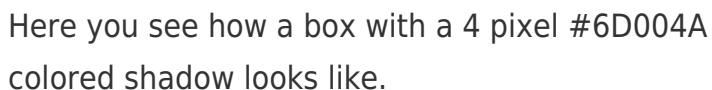
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D004A }
```

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

```
.border{ border-color:#6D004A }
```

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



Here you see how a box with a 4 pixel #6D004A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D004A; -webkit-box-shadow:4px 4px  
4px 4px #6D004A; box-shadow:4px 4px 4px  
4px #6D004A }
```

# Background

The CSS property to change the background color of an element to Hex 6D004A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D004A }
```

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

```
.background{ background-color:#6D004A }
```

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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