

# Converting Colors

Hex(6D004F)

Have a look what the booklet for  
Hex(6D004F) contains.

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# Color

**Hex(6D004F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D004F
RGB	109, 0, 79
RGB Percent	43%, 0%, 31%
CMY	0.5725, 1.0000, 0.6902
CMYK	0.00, 1.00, 0.28, 0.57
HSL	317°, 100%, 21%
HSV	317°, 100%, 43%
XYZ	7.7180, 3.8157, 7.7269
YIQ	41.5970, 39.6050, 47.6770

# Conversions

## Conversions Part 2

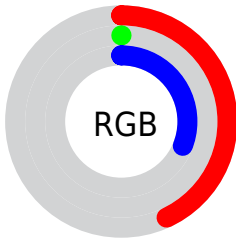
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 0, 79
Decimal	7143503
CIE <sub>Lab</sub>	23.05, 48.19, -15.47
CIE <sub>LCh</sub>	23, 50.609, 342.200
Yxy	3.8157, 0.4007, 0.1981
Android (android.graphics.Color)	4285333583 (0xFF6D004F)
YUV	41.5970, 18.4397, 59.1124
Hunter-Lab	19.5339, 36.3422, -9.7792

# Details

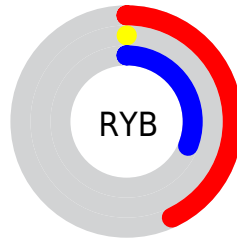
The Hex color **6D004F** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **006D1E**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **A44180**, and **3A0023** is the 20% darker color. If you saturate the color by 10%, you get **6D004F**, and if you desaturate by 10%, it is **6D0B52**.

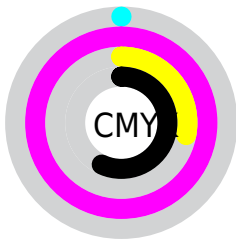
# Distribution



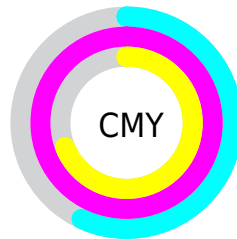
- Red (43%)
- Green (0%)
- Blue (31%)



- Red (43%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (28%)
- Black (57%)



- Cyan (57%)
- Magenta (100%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D004F 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 6D004F by changing the saturation by 10% instead.



 6D004F

 6D004F

FFFFFF

 520038

 A44180

 3A0023

 C05B9A

 1E0009

 DD76B5

 000000

 FB91D1

 FFACED

 FFC8FF

 FFE5FF

 6D004F

 6D0B52

 6D1655

 6D2158

 6D2C5B

 6D375E

 6D4161

 6D4C64

 6D5767

 6D626A

# Harmonies

## Analogous

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



492370



6D004F



77002A

# Triad

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



6D004F



373A00



00466A

# Complementary

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



6D004F



006D1E

# 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.



004646



6D004F



014200

# Square

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



6D004F



572D00



00451E



004280

# Rectangle

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



6D004F



720911



00451E



00465F



# Sweetspot

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



6D004F



8F6483



1D006D



472E40



C7C7C7



474747



# Same Dimension

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



6D004F



8F0067



6D0019



363034



750055



F500B1



# Inverse Universe

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



6D004F



8F0067



006D54



363034



750055

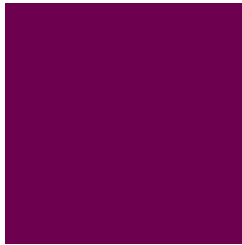


F500B1



# Previews

## White Background



This preview shows how the Hex color 6D004F looks on a white background.

## Color Contrast Check

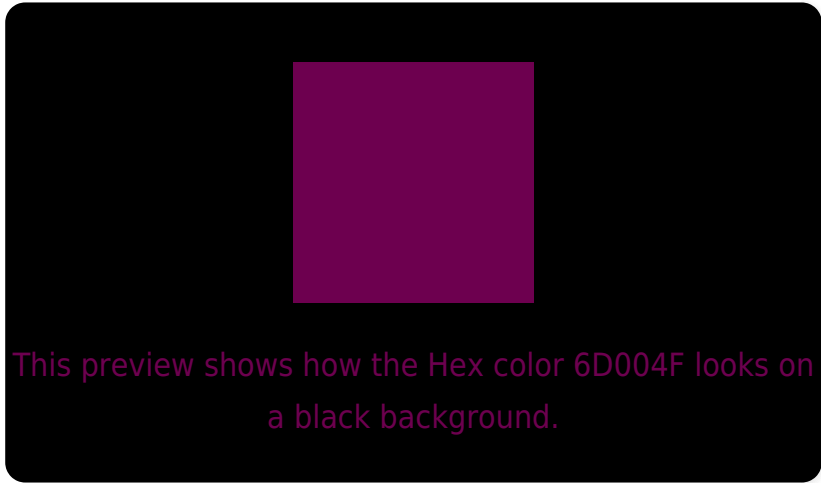
Large Text (above 18pt) WCAG AA ✓ Pass

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

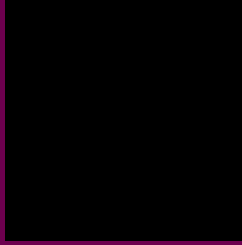
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D004F Background



This preview shows how black text looks on a background with the Hex color 6D004F.



This preview shows how white text looks on a background with the Hex color 6D004F.

# 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**  
6D004F

**Protanopia**  
1C3970

**Deuteranopia**  
393A4A



**Tritanopia**  
6A1F21

# Trichromacy



**Original Color**  
6D004F

**Protanomaly**  
392464

**Deuteranomaly**  
4C254C

**Tritanomaly**  
6B1432

# Monochromacy



**Original Color**  
6D004F

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
421B37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D004F 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 #6D004F looks like.

```
.text, #text, p{  
    color:#6D004F  
}
```

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 #6D004F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D004F
}
```

## Border

The CSS property to change the border of an element to Hex 6D004F is called "border". The border property can be set on classes, ids or directly on the HTML element.

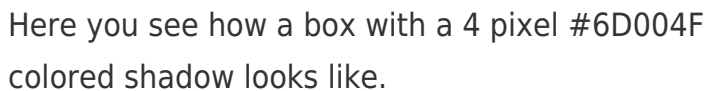
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D004F }
```

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

```
.border{ border-color:#6D004F }
```

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



Here you see how a box with a 4 pixel #6D004F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D004F; -webkit-box-shadow:4px 4px  
4px 4px #6D004F; box-shadow:4px 4px 4px  
4px #6D004F }
```

# Background

The CSS property to change the background color of an element to Hex 6D004F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D004F }
```

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

```
.background{ background-color:#6D004F }
```

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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