

# Converting Colors

Hex(6A006D)

Have a look what the booklet for  
Hex(6A006D) contains.

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**Color**

**Hex(6A006D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A006D
RGB	106, 0, 109
RGB Percent	42%, 0%, 43%
CMY	0.5843, 1.0000, 0.5725
CMYK	0.03, 1.00, 0.00, 0.57
HSL	298°, 100%, 21%
HSV	298°, 100%, 43%
XYZ	8.7042, 4.1683, 14.8138
YIQ	44.1200, 28.1870, 56.3710

# Conversions

## Conversions Part 2

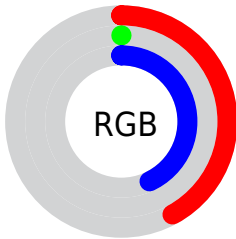
Format	Color
<b>RYB</b>	106, 0, 109
Decimal	6946925
CIELab	24.22, 52.01, -33.52
CIELCh	24, 61.875, 327.199
Yxy	4.1683, 0.3144, 0.1506
Android (android.graphics.Color)	4285137005 (0xFF6A006D)
YUV	44.1200, 31.9858, 54.2688
Hunter-Lab	20.4164, 40.3716, -28.7283

# Details

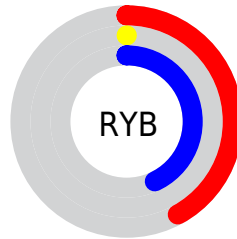
The Hex color **6A006D** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **036D00**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **A142A1**, and **36003D** is the 20% darker color. If you saturate the color by 10%, you get **6A006D**, and if you desaturate by 10%, it is **6A0B6D**.

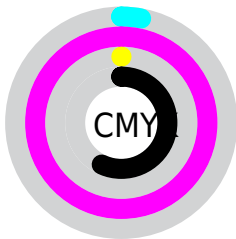
# Distribution



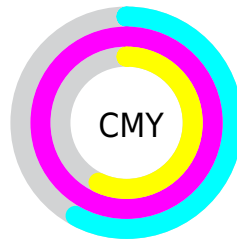
- Red (42%)
- Green (0%)
- Blue (43%)



- Red (42%)
- Yellow (0%)
- Blue (43%)



- Cyan (3%)
- Magenta (100%)
- Yellow (0%)
- Black (57%)



- Cyan (58%)
- Magenta (100%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A006D 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 6A006D by changing the saturation by 10% instead.



 6A006D

 6A006D

FFFFFF

 500054


 A142A1

 36003D

 BD5DBC

 1D0026

 DA77D8

 00010F

 F792F5

 000000

 FFAEFF

 FFCAFF

 FFE7FF

 6A006D

 6A0B6D

 6B166D

 6B216D

 6B2C6D

 6B376D

 6C416D

 6C4C6D

 6C576D

 6D626D

# Harmonies

## Analogous

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



152F8E



6A006D



840040

# Triad

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



6A006D



4B3700



004B63

# Complementary

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



6A006D



036D00

# 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.



004B34



6A006D



1B4300

# Square

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



6A006D



6D1E00



004800



004A89

# Rectangle

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



6A006D



850022



004800



004B54



# Sweetspot

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



6A006D



8E648F



00046D



472E47



C7C7C7



474747



# Same Dimension

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



6A006D



8B008F



6D003A



353036



720075



EE00F5



# Inverse Universe

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



6D0003



8F0004



006D33



363030



750003



F50007



# Previews

## White Background



This preview shows how the Hex color 6A006D looks on a white background.

## Color Contrast Check

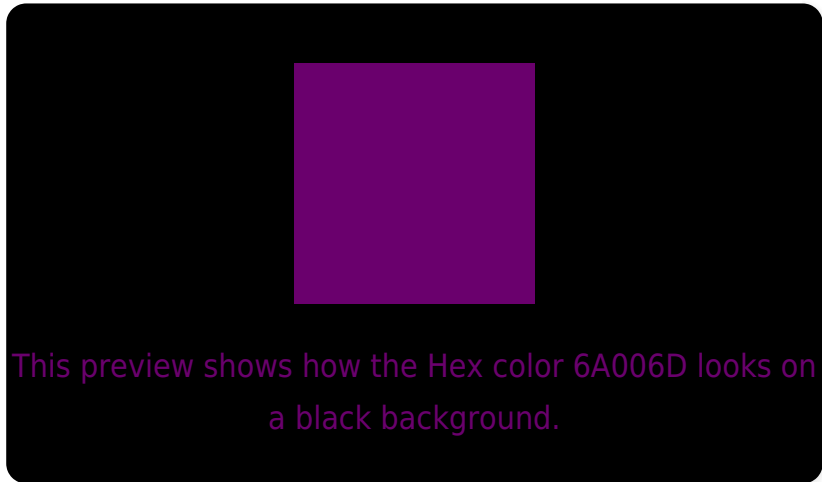
Large Text (above 18pt) WCAG AA ✓ Pass

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

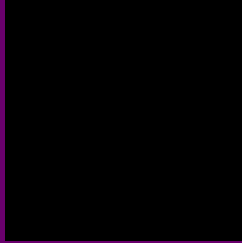
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A006D Background



This preview shows how black text looks on a background with the Hex color 6A006D.



This preview shows how white text looks on a background with the Hex color 6A006D.

# 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**  
6A006D

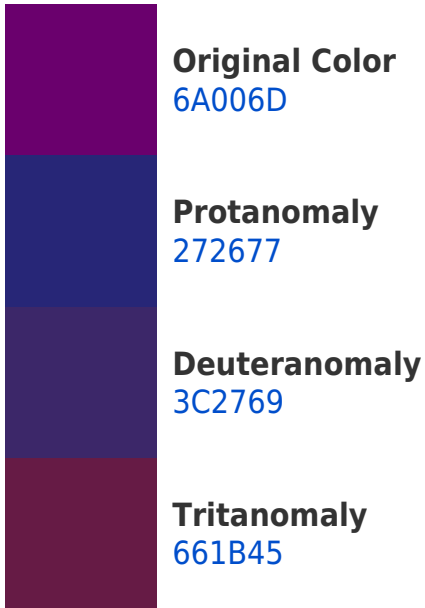
**Protanopia**  
003B7D

**Deuteranopia**  
213E66

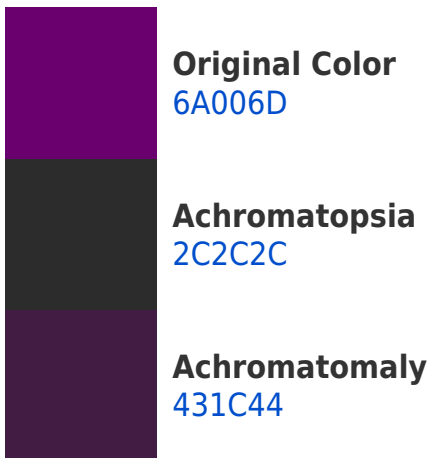


**Tritanopia**  
632B2E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A006D 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 #6A006D looks like.

```
.text, #text, p{  
    color:#6A006D  
}
```

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 #6A006D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A006D
}
```

## Border

The CSS property to change the border of an element to Hex 6A006D is called "border". The border property can be set on classes, ids or directly on the HTML element.

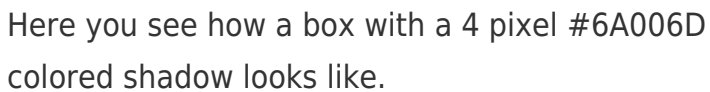
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A006D }
```

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

```
.border{ border-color:#6A006D }
```

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



Here you see how a box with a 4 pixel #6A006D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A006D; -webkit-box-shadow:4px 4px  
4px 4px #6A006D; box-shadow:4px 4px 4px  
4px #6A006D }
```

# Background

The CSS property to change the background color of an element to Hex 6A006D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A006D }
```

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

```
.background{ background-color:#6A006D }
```

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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