

# Converting Colors

Hex(6D016D)

Have a look what the booklet for  
Hex(6D016D) contains.

<b>Hex(6D016D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(6D016D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D016D
RGB	109, 1, 109
RGB Percent	43%, 0%, 43%
CMY	0.5725, 0.9961, 0.5725
CMYK	0.00, 0.99, 0.00, 0.57
HSL	300°, 98%, 22%
HSV	300°, 99%, 43%
XYZ	9.0778, 4.3770, 14.8344
YIQ	45.6040, 29.7000, 56.4840

# Conversions

## Conversions Part 2

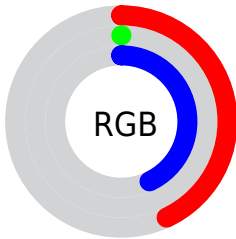
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 1, 109
Decimal	7143789
CIE <sub>Lab</sub>	24.88, 52.34, -32.43
CIE <sub>LCh</sub>	25, 61.573, 328.220
Yxy	4.3770, 0.3209, 0.1547
Android (android.graphics.Color)	4285333869 (0xFF6D016D)
YUV	45.6040, 31.2542, 55.5983
Hunter-Lab	20.9214, 40.8392, -27.3948

# Details

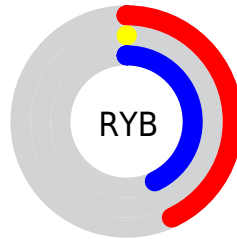
The Hex color **6D016D** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **016D01**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **A443A1**, and **39003D** is the 20% darker color. If you saturate the color by 10%, you get **6D006D**, and if you desaturate by 10%, it is **6D0C6D**.

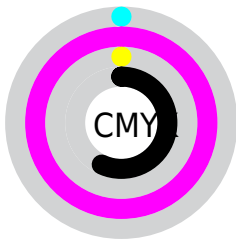
# Distribution



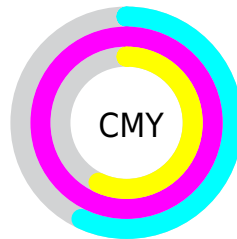
- Red (43%)
- Green (0%)
- Blue (43%)



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



- Cyan (0%)
- Magenta (99%)
- Yellow (0%)
- Black (57%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D016D 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 6D016D by changing the saturation by 10% instead.



6D016D

6D016D

FFFFFF

530054

A443A1

39003D

C05EBC

210026

DD79D8

00010F

FA94F5

000000

FFB0FF

FFCCFF

FFE9FF

6D016D

6D016D

■ 6D006D

■ 6D0C6D

■ 6D176D

■ 6D226D

■ 6D2D6D

■ 6D376D

■ 6D426D

■ 6D4D6D

■ 6D586D

■ 6D636D

# Harmonies

## Analogous

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



20308F



6D016D



860040

# Triad

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



6D016D



4C3900



004D66

# Complementary

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



6D016D



016D01

# 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.



004C37



6D016D



1B4500

# Square

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



6D016D



6E2100



004A00



004B8B

# Rectangle

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



6D016D



870022



004A00



004D57



# Sweetspot

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



6D016D



8F648F



01016D



472E47



C7C7C7



474747



# Same Dimension

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



6D016D



8F008F



6D0137



363036



750075



F500F5



# Inverse Universe

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



6D016D



8F008F



016D37



363036



750075



F500F5



# Previews

## White Background



This preview shows how the Hex color 6D016D looks on a white background.

## Color Contrast Check

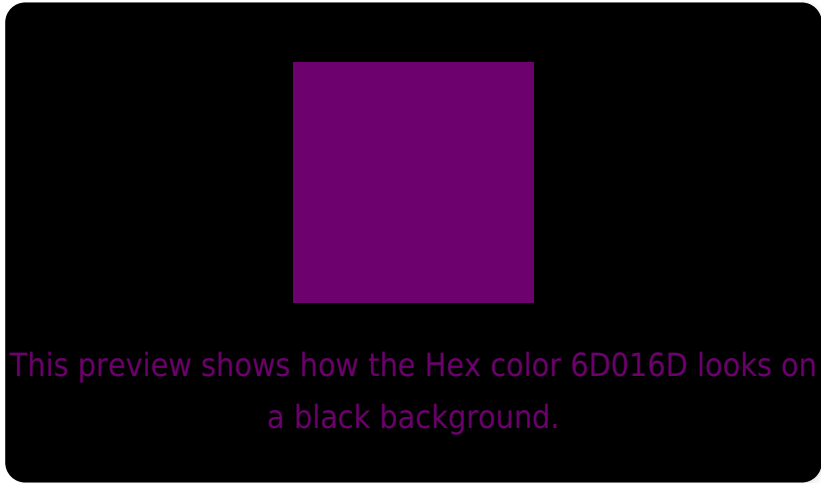
Large Text (above 18pt) WCAG AA ✓ Pass

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

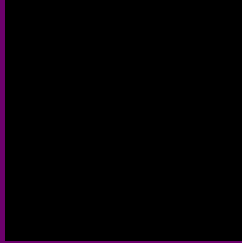
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D016D Background



This preview shows how black text looks on a background with the Hex color 6D016D.



This preview shows how white text looks on a background with the Hex color 6D016D.

# 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**  
662B2E

# Trichromacy



**Original Color**  
6D016D



**Protanomaly**  
282779



**Deuteranomaly**  
3F2869



**Tritanomaly**  
691C45

# Monochromacy



**Original Color**  
6D016D



**Achromatopsia**  
2E2E2E



**Achromatomaly**  
451E45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D016D 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 #6D016D looks like.

```
.text, #text, p{  
    color:#6D016D  
}
```

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 #6D016D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D016D
}
```

## Border

The CSS property to change the border of an element to Hex 6D016D is called "border". The border property can be set on classes, ids or directly on the HTML element.

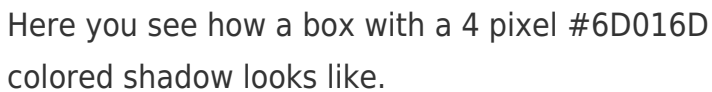
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D016D }
```

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

```
.border{ border-color:#6D016D }
```

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



Here you see how a box with a 4 pixel #6D016D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D016D; -webkit-box-shadow:4px 4px  
4px 4px #6D016D; box-shadow:4px 4px 4px  
4px #6D016D }
```

# Background

The CSS property to change the background color of an element to Hex 6D016D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D016D }
```

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

```
.background{ background-color:#6D016D }
```

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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