

# Converting Colors

Hex(6D0389)

Have a look what the booklet for  
Hex(6D0389) contains.

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**Color**

**Hex(6D0389)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D0389
RGB	109, 3, 137
RGB Percent	43%, 1%, 54%
CMY	0.5725, 0.9882, 0.4627
CMYK	0.20, 0.98, 0.00, 0.46
HSL	287°, 96%, 27%
HSV	287°, 98%, 54%
XYZ	10.8546, 5.1225, 24.0835
YIQ	49.9700, 20.1620, 64.1460

# Conversions

## Conversions Part 2

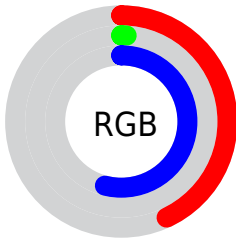
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 3, 137
Decimal	7144329
CIE <sub>Lab</sub>	27.08, 56.89, -46.68
CIE <sub>LCh</sub>	27, 73.587, 320.633
Yxy	5.1225, 0.2710, 0.1279
Android (android.graphics.Color)	4285334409 (0xFF6D0389)
YUV	49.9700, 42.9058, 51.7693
Hunter-Lab	22.6329, 45.9999, -47.2472

# Details

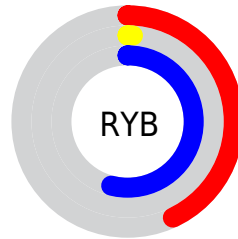
The Hex color **6D0389** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **1F8903**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **A546BF**, and **370056** is the 20% darker color. If you saturate the color by 10%, you get **6C0089**, and if you desaturate by 10%, it is **701189**.

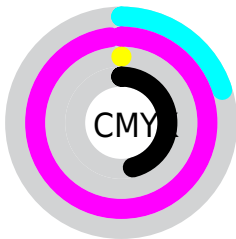
# Distribution



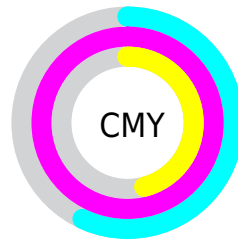
- Red (43%)
- Green (1%)
- Blue (54%)



- Red (43%)
- Yellow (1%)
- Blue (54%)



- Cyan (20%)
- Magenta (98%)
- Yellow (0%)
- Black (46%)



- Cyan (57%)
- Magenta (99%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D0389 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 6D0389 by changing the saturation by 10% instead.



 6D0389

 6D0389

FFFFFF

 52006F

 A546BF

 370056

 C161DB

 1E003E

 DE7CF8

 000227

 FC97FF

 000110

 FFB3FF

 000000

 FFD0FF

 FFEDFF

 6D0389

 6D0389

■ 6C0089

■ 701189

■ 731E89

■ 762C89

■ 783A89

■ 7B4789

■ 7E5589

■ 816389

■ 847189

■ 877E89

# Harmonies

## Analogous

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



003AAD



6D0389



950054

# Triad

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



6D0389



5E3800



005567

# Complementary

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



6D0389



1F8903

# 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.



00532C



6D0389



294900

# Square

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



6D0389



840C00



005000



005498

# Rectangle

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



6D0389



9B0030



005000



005454



# Sweetspot

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



6D0389



A87FB3



032089



533A59



D9D9D9



595959



# Same Dimension

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



6D0389



8D00B3



890363



433E45



690085



040005



# Inverse Universe

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



89031F



B30025



038929



453E3F



85001C



050001



# Previews

## White Background



This preview shows how the Hex color 6D0389 looks on a white background.

## Color Contrast Check

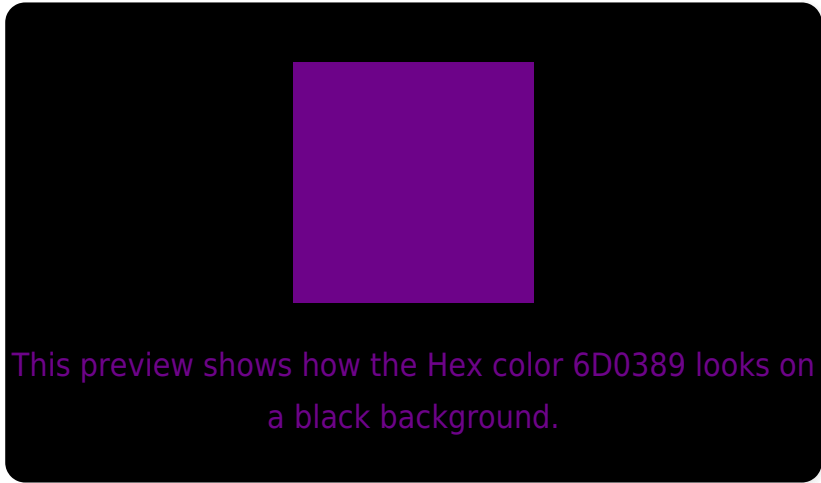
Large Text (above 18pt) WCAG AA ✓ Pass

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

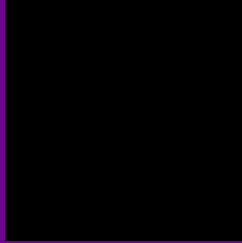
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D0389 Background



This preview shows how black text looks on a background with the Hex color 6D0389.



This preview shows how white text looks on a background with the Hex color 6D0389.

# 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**  
6D0389

**Protanopia**  
004188

**Deuteranopia**  
004477



**Tritanopia**  
62363A

# Trichromacy



**Original Color**  
6D0389



**Protanomaly**  
282A88



**Deuteranomaly**  
282C7E



**Tritanomaly**  
662357

# Monochromacy



**Original Color**  
6D0389



**Achromatopsia**  
323232



**Achromatomaly**  
472152

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D0389 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 #6D0389 looks like.

```
.text, #text, p{  
    color:#6D0389  
}
```

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 #6D0389 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D0389
}
```

## Border

The CSS property to change the border of an element to Hex 6D0389 is called "border". The border property can be set on classes, ids or directly on the HTML element.

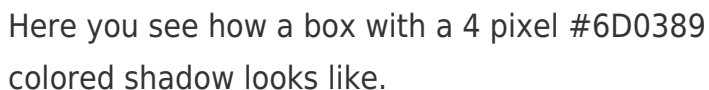
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D0389 }
```

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

```
.border{ border-color:#6D0389 }
```

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



Here you see how a box with a 4 pixel #6D0389 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D0389; -webkit-box-shadow:4px 4px  
4px 4px #6D0389; box-shadow:4px 4px 4px  
4px #6D0389 }
```

# Background

The CSS property to change the background color of an element to Hex 6D0389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D0389 }
```

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

```
.background{ background-color:#6D0389 }
```

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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