

Converting Colors

Hex(600070)

Have a look what the booklet for
Hex(600070) contains.

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Color

Hex(600070)

Conversions

Conversions Part 1

Format	Color
Hex	600070
RGB	96, 0, 112
RGB Percent	38%, 0%, 44%
CMY	0.6235, 1.0000, 0.5608
CMYK	0.14, 1.00, 0.00, 0.56
HSL	291°, 100%, 22%
HSV	291°, 100%, 44%
XYZ	7.7485, 3.6566, 15.6266
YIQ	41.4720, 21.2640, 55.1840

Conversions

Conversions Part 2

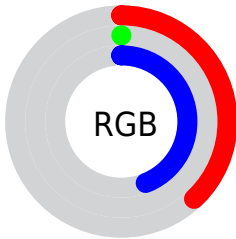
Format	Color
R_{YB}	96, 0, 112
Decimal	6291568
CIE _{Lab}	22.50, 50.84, -38.33
CIE _{LCh}	23, 63.673, 322.989
Yxy	3.6566, 0.2866, 0.1353
Android (android.graphics.Color)	4284481648 (0xFF600070)
YUV	41.4720, 34.7703, 47.8211
Hunter-Lab	19.1224, 38.8652, -35.0657

Details

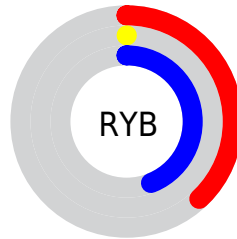
The Hex color **600070** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **107000**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **9640A4**, and **2E003F** is the 20% darker color. If you saturate the color by 10%, you get **600070**, and if you desaturate by 10%, it is **620B70**.

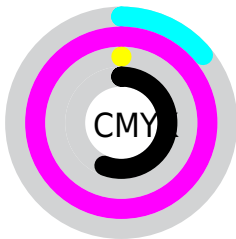
Distribution



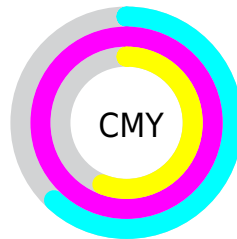
- Red (38%)
- Green (0%)
- Blue (44%)



- Red (38%)
- Yellow (0%)
- Blue (44%)



- Cyan (14%)
- Magenta (100%)
- Yellow (0%)
- Black (56%)



- Cyan (62%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 600070 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 600070 by changing the saturation by 10% instead.

 600070

 600070

FFFFFF

 460057

 9640A4

 2E003F

 B25AC0

 0E0028

 CF75DC

 000112

 EC90F9

 000000

 FFABFF

 FFC7FF

 FFE4FF

 600070

 620B70

 631670

 652270

 662D70

 683870

 6A4370

 6B4E70

 6D5A70

 6E6570

Harmonies

Analogous

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



002F8F



600070



7F0043

Triad

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



600070



4C3000



00475A

Complementary

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



600070



107000

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.



004629



600070



1E3E00

Square

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



600070



6D1100



004400



004783

Rectangle

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



600070



830024



004400



00474A

Sweetspot

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



600070



8B6691



001170



462F4A



C9C9C9



4A4A4A

Same Dimension

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



600070



7D0091



700049



373238



670078



D400F7

Inverse Universe

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



700010



910015



007027



383233



780011



F70023

Previews

White Background



This preview shows how the Hex color 600070 looks on a white background.

Color Contrast Check

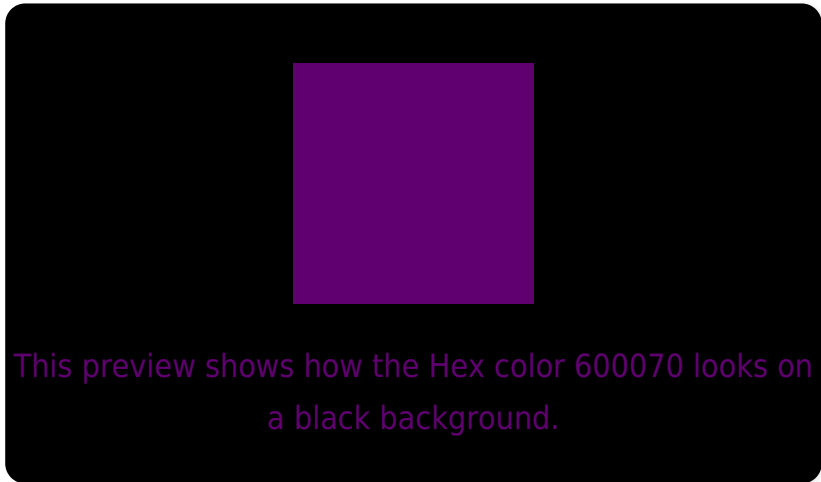
Large Text (above 18pt) WCAG AA ✓ Pass

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

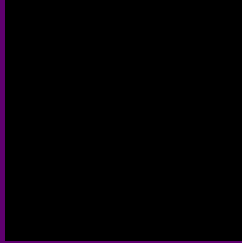
Any Text WCAG AA × Fail

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 600070 Background



This preview shows how black text looks on a background with the Hex color 600070.



This preview shows how white text looks on a background with the Hex color 600070.

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
600070

Protanopia
003875

Deuteranopia
003B67



Tritanopia
572C2F

Trichromacy



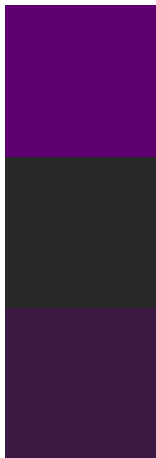
Original Color
600070

Protanomaly
232473

Deuteranomaly
23266A

Tritanomaly
5A1C47

Monochromacy



Original Color
600070

Achromatopsia
292929

Achromatomaly
3D1A43

CSS Examples

Text

The CSS property to change the color of the text to Hex 600070 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 #600070 looks like.

```
.text, #text, p{  
  color:#600070  
}
```

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 #600070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #600070
}
```

Border

The CSS property to change the border of an element to Hex 600070 is called "border". The border property can be set on classes, ids or directly on the HTML element.

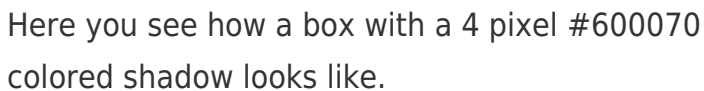
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#600070 }
```

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

```
.border{ border-color:#600070 }
```

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



Here you see how a box with a 4 pixel #600070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #600070; -webkit-box-shadow:4px 4px  
4px 4px #600070; box-shadow:4px 4px 4px  
4px #600070 }
```

Background

The CSS property to change the background color of an element to Hex 600070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#600070 }
```

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

```
.background{ background-color:#600070 }
```

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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