

Converting Colors

Hex(000070)

Have a look what the booklet for
Hex(000070) contains.

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Color

Hex(000070)

Conversions

Conversions Part 1

Format	Color
Hex	000070
RGB	0, 0, 112
RGB Percent	0%, 0%, 44%
CMY	1.0000, 1.0000, 0.5608
CMYK	1.00, 1.00, 0.00, 0.56
HSL	240°, 100%, 22%
HSV	240°, 100%, 44%
XYZ	2.9246, 1.1699, 15.4009
YIQ	12.7680, -35.9520, 34.8320

Conversions

Conversions Part 2

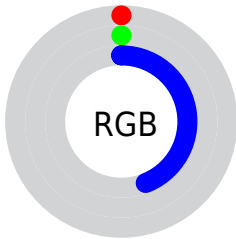
Format	Color
RYB	0, 0, 112
Decimal	112
CIELab	10.33, 43.18, -58.80
CIELCh	10, 72.952, 306.287
Yxy	1.1699, 0.1500, 0.0600
Android (android.graphics.Color)	4278190192 (0xFF000070)
YUV	12.7680, 48.9214, -11.1975
Hunter-Lab	10.8160, 29.3383, -76.8520

Details

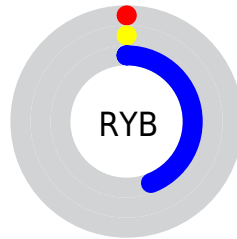
The Hex color **000070** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **707000**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **4D30A5**, and **00053E** is the 20% darker color. If you saturate the color by 10%, you get **000070**, and if you desaturate by 10%, it is **0B0B70**.

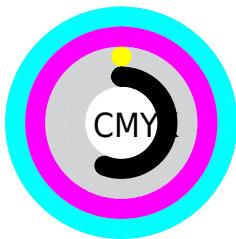
Distribution



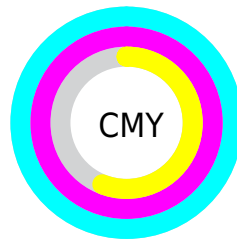
- Red (0%)
- Green (0%)
- Blue (44%)



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



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



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

Brightness & Saturation Gradients


These gradients show how the Hex color 000070 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 000070 by changing the saturation by 10% instead.

 000070

 000070

 FFE7FF

 000057


 4D30A5

 00053E

 6A48C1

 000328

 8660DD

 000111

 A37AFA

 000000

 BF94FF

 DDAFFF

 FBCBFF

 000070

■ 0B0B70

■ 161670

■ 222270

■ 2D2D70

■ 383870

■ 434370

■ 4E4E70

■ 5A5A70

■ 656570

Harmonies

Analogous

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



002485



000070



580045

Triad

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



000070



420200



002A26

Complementary

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



000070



707000

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.



002900



000070



1B1E00

Square

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



000070



5C0000



002800



002D58

Rectangle

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



000070



660025



002800



002915

Sweetspot

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



000070



666691



007070



2F2F4A



C9C9C9



4A4A4A

Same Dimension

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



000070



000091



380070



323238



000078



0000F7

Inverse Universe

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



700070



910091



387000



383238



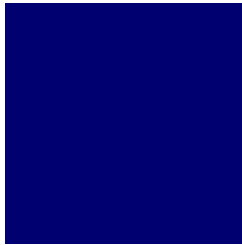
780078



F700F7

Previews

White Background



This preview shows how the Hex color 000070 looks on a white background.

Color Contrast Check

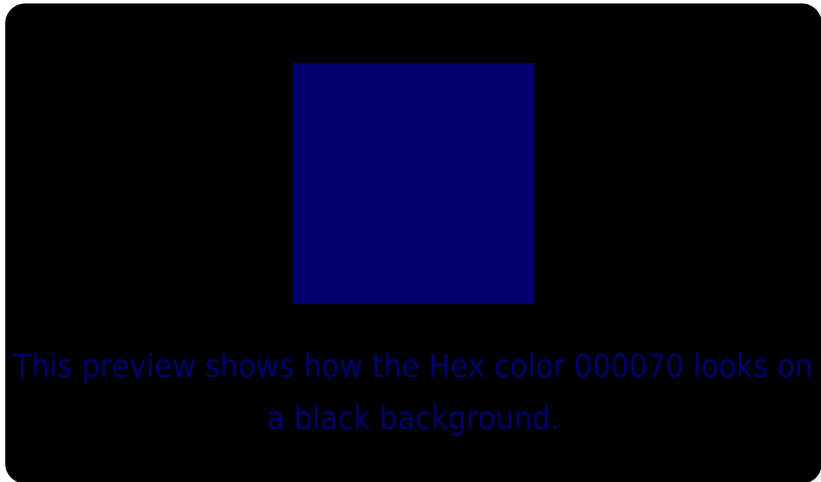
Large Text (above 18pt) WCAG AA ✓ Pass

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

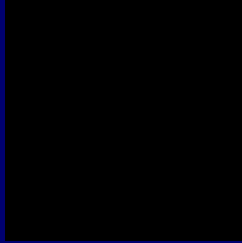
Any Text WCAG AA × Fail

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 000070 Background



This preview shows how black text looks on a background with the Hex color 000070.



This preview shows how white text looks on a background with the Hex color 000070.

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
000070

Protanopia
002145

Deuteranopia
00233A

Trichromacy



Original Color
000070

Protanomaly
001555

Deuteranomaly
00164E

Tritanomaly
001842

Monochromacy



Original Color
000070

Achromatopsia
0D0D0D

Achromatomaly
080831

CSS Examples

Text

The CSS property to change the color of the text to Hex 000070 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 #000070 looks like.

```
.text, #text, p{  
    color:#000070  
}
```

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 #000070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000070
}
```

Border

The CSS property to change the border of an element to Hex 000070 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
#000070 }
```

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

```
.border{ border-color:#000070 }
```

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

Here you see how a box with a 4 pixel #000070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000070; -webkit-box-shadow:4px 4px  
4px 4px #000070; box-shadow:4px 4px 4px  
4px #000070 }
```

Background

The CSS property to change the background color of an element to Hex 000070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000070 }
```

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

```
.background{ background-color:#000070 }
```

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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