

Converting Colors

Hex(6A0070)

Have a look what the booklet for
Hex(6A0070) contains.

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Color

Hex(6A0070)

Conversions

Conversions Part 1

Format	Color
Hex	6A0070
RGB	106, 0, 112
RGB Percent	42%, 0%, 44%
CMY	0.5843, 1.0000, 0.5608
CMYK	0.05, 1.00, 0.00, 0.56
HSL	297°, 100%, 22%
HSV	297°, 100%, 44%
XYZ	8.8685, 4.2340, 15.6791
YIQ	44.4620, 27.2240, 57.3040

Conversions

Conversions Part 2

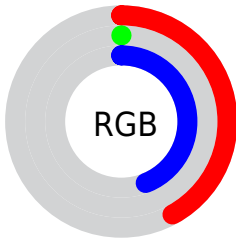
Format	Color
R_{YB}	106, 0, 112
Decimal	6946928
CIE _{Lab}	24.43, 52.51, -35.12
CIE _{LCh}	24, 63.175, 326.224
Yxy	4.2340, 0.3081, 0.1471
Android (android.graphics.Color)	4285137008 (0xFF6A0070)
YUV	44.4620, 33.2962, 53.9688
Hunter-Lab	20.5767, 40.9234, -30.7741

Details

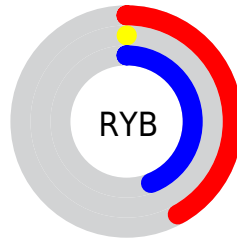
The Hex color **6A0070** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **067000**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **A142A4**, and **36003F** is the 20% darker color. If you saturate the color by 10%, you get **6A0070**, and if you desaturate by 10%, it is **6B0B70**.

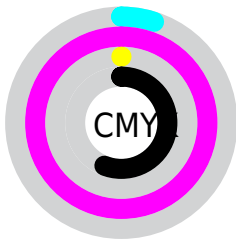
Distribution



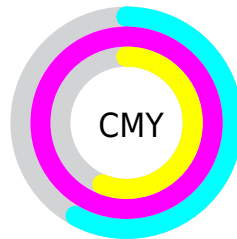
- Red (42%)
- Green (0%)
- Blue (44%)



- Red (42%)
- Yellow (0%)
- Blue (44%)



- Cyan (5%)
- Magenta (100%)
- Yellow (0%)
- Black (56%)



- Cyan (58%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A0070 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 6A0070 by changing the saturation by 10% instead.

 6A0070

 6A0070

FFFFFF

 500057

 A142A4

 36003F

 BD5DC0

 1D0029

 DA78DC

 000112

 F793F8

 000000

 FFAEFF

 FFCBFF

 FFE8FF

 6A0070

 6B0B70

 6B1670

 6C2270

 6C2D70

 6D3870

 6E4370

 6E4E70

 6F5A70

 6F6570

Harmonies

Analogous

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



053091



6A0070



860042

Triad

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



6A0070



4D3700



004C63

Complementary

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



6A0070



067000

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.



004B32



6A0070



1D4300

Square

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



6A0070



701C00



004900



004B8A

Rectangle

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



6A0070



880023



004900



004C54

Sweetspot

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



6A0070



8F6691



000770



492F4A



C9C9C9



4A4A4A

Same Dimension

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



6A0070



8A0091



70003F



383238



710078



EA00F7

Inverse Universe

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



700006



910008



007031



383233



780006



F7000D

Previews

White Background



This preview shows how the Hex color 6A0070 looks on a white background.

Color Contrast Check

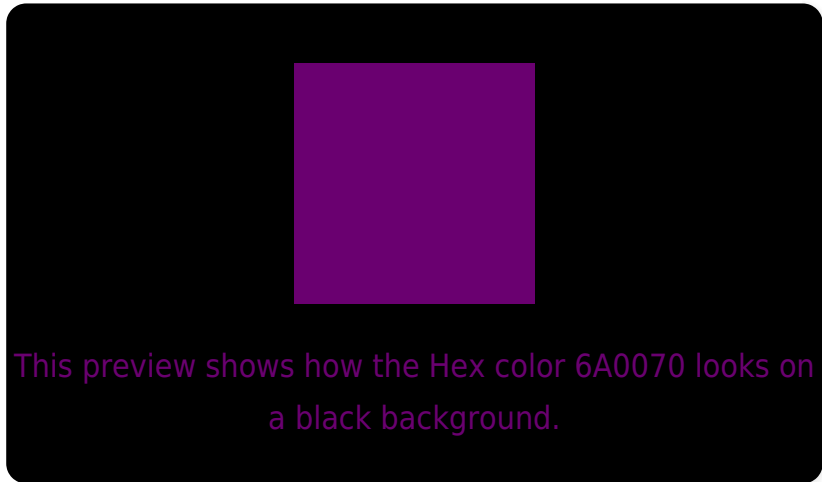
Large Text (above 18pt) WCAG AA ✓ Pass

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

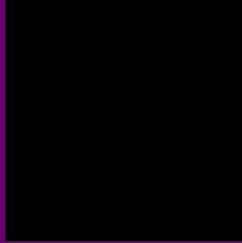
Any Text WCAG AA × Fail

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 6A0070 Background



This preview shows how black text looks on a background with the Hex color 6A0070.



This preview shows how white text looks on a background with the Hex color 6A0070.

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
6A0070

Protanopia
003C7E

Deuteranopia
1D3E69



Tritanopia
622C2F

Trichromacy



Original Color
6A0070

Protanomaly
272679

Deuteranomaly
39276C

Tritanomaly
651C47

Monochromacy



Original Color
6A0070

Achromatopsia
2C2C2C

Achromatomaly
431C45

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A0070 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 #6A0070 looks like.

```
.text, #text, p{  
    color:#6A0070  
}
```

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 #6A0070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A0070
}
```

Border

The CSS property to change the border of an element to Hex 6A0070 is called "border". The border property can be set on classes, ids or directly on the HTML element.

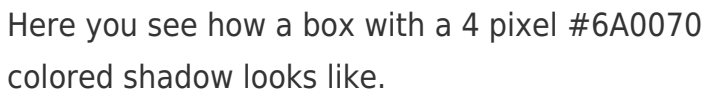
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A0070 }
```

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

```
.border{ border-color:#6A0070 }
```

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



Here you see how a box with a 4 pixel #6A0070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A0070; -webkit-box-shadow:4px 4px  
4px 4px #6A0070; box-shadow:4px 4px 4px  
4px #6A0070 }
```

Background

The CSS property to change the background color of an element to Hex 6A0070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A0070 }
```

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

```
.background{ background-color:#6A0070 }
```

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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