

Converting Colors

Hex(6A006A)

Have a look what the booklet for
Hex(6A006A) contains.

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Color

Hex(6A006A)

Conversions

Conversions Part 1

Format	Color
Hex	6A006A
RGB	106, 0, 106
RGB Percent	42%, 0%, 42%
CMY	0.5843, 1.0000, 0.5843
CMYK	0.00, 1.00, 0.00, 0.58
HSL	300°, 100%, 21%
HSV	300°, 100%, 42%
XYZ	8.5454, 4.1048, 13.9776
YIQ	43.7780, 29.1500, 55.4380

Conversions

Conversions Part 2

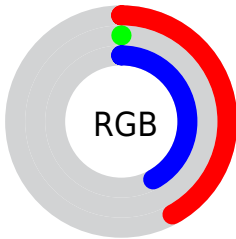
Format	Color
R_{YB}	106, 0, 106
Decimal	6946922
CIE _{Lab}	24.01, 51.52, -31.90
CIE _{LCh}	24, 60.592, 328.233
Yxy	4.1048, 0.3209, 0.1542
Android (android.graphics.Color)	4285137002 (0xFF6A006A)
YUV	43.7780, 30.6754, 54.5687
Hunter-Lab	20.2603, 39.8323, -26.7221

Details

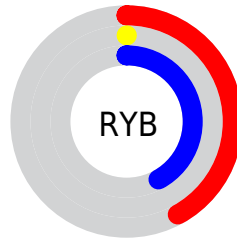
The Hex color **6A006A** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **006A00**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **A1429E**, and **37003A** is the 20% darker color. If you saturate the color by 10%, you get **6A006A**, and if you desaturate by 10%, it is **6A0B6A**.

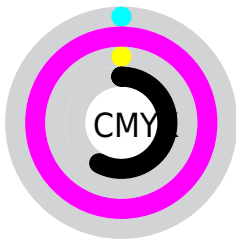
Distribution



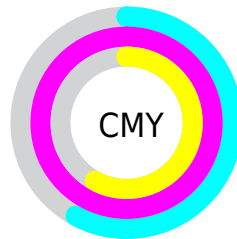
- Red (42%)
- Green (0%)
- Blue (42%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (58%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 6A006A 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 6A006A by changing the saturation by 10% instead.

 6A006A

 6A006A

FFFFFF

 500051

 A1429E

 37003A

 BD5CB9

 1D0024

 DA77D5

 00000B

 F792F1

 000000

 FFAEFF

 FFCAFF

 FFE7FF

 6A006A

 6A0B6A

 6A156A

 6A206A

 6A2A6A

 6A356A

 6A406A

 6A4A6A

 6A556A

 6A5F6A

Harmonies

Analogous

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



1E2E8B



6A006A



82003E

Triad

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



6A006A



493700



004B64

Complementary

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



6A006A



006A00

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.



004A35



6A006A



1A4200

Square

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



6A006A



6B2000



004800



004988

Rectangle

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



6A006A



830020



004800



004B55

Sweetspot

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



6A006A



8A608A



00006A



452C45



C4C4C4



454545

Same Dimension

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



6A006A



8A008A



6A0035



363036



750075



F500F5

Inverse Universe

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



6A006A



8A008A



006A35



363036



750075



F500F5

Previews

White Background



This preview shows how the Hex color 6A006A looks on a white background.

Color Contrast Check

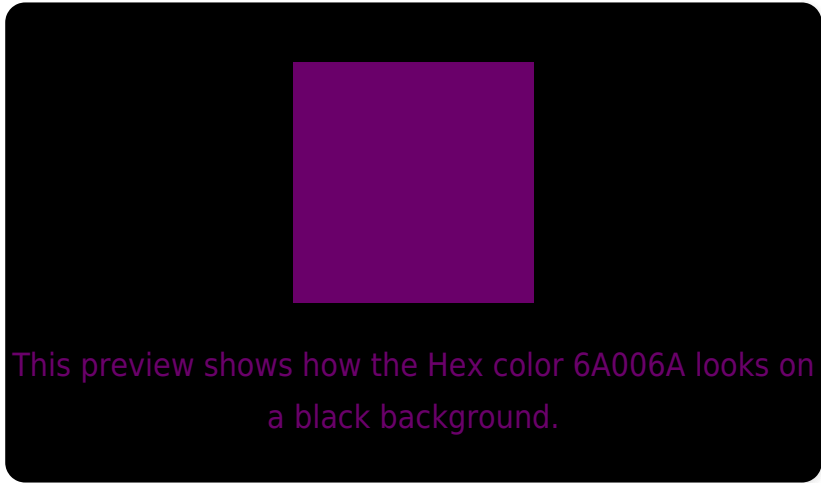
Large Text (above 18pt) WCAG AA ✓ Pass

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

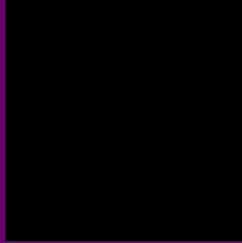
Any Text WCAG AA × Fail

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 6A006A Background



This preview shows how black text looks on a background with the Hex color 6A006A.



This preview shows how white text looks on a background with the Hex color 6A006A.

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
6A006A

Protanopia
003B7C

Deuteranopia
243D64



Tritanopia
632A2C

Trichromacy



Original Color
6A006A



Protanomaly
272675



Deuteranomaly
3D2766



Tritanomaly
661B43

Monochromacy



Original Color
6A006A



Achromatopsia
2C2C2C



Achromatomaly
431C43

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A006A 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 #6A006A looks like.

```
.text, #text, p{  
    color:#6A006A  
}
```

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 #6A006A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A006A
}
```

Border

The CSS property to change the border of an element to Hex 6A006A is called "border". The border property can be set on classes, ids or directly on the HTML element.

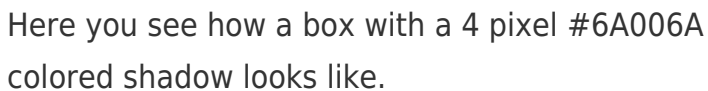
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A006A }
```

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

```
.border{ border-color:#6A006A }
```

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



Here you see how a box with a 4 pixel #6A006A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A006A; -webkit-box-shadow:4px 4px  
4px 4px #6A006A; box-shadow:4px 4px 4px  
4px #6A006A }
```

Background

The CSS property to change the background color of an element to Hex 6A006A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A006A }
```

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

```
.background{ background-color:#6A006A }
```

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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