

Converting Colors

Hex(6B006D)

Have a look what the booklet for
Hex(6B006D) contains.

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Color

Hex(6B006D)

Conversions

Conversions Part 1

Format	Color
Hex	6B006D
RGB	107, 0, 109
RGB Percent	42%, 0%, 43%
CMY	0.5804, 1.0000, 0.5725
CMYK	0.02, 1.00, 0.00, 0.57
HSL	299°, 100%, 21%
HSV	299°, 100%, 43%
XYZ	8.8237, 4.2299, 14.8194
YIQ	44.4190, 28.7830, 56.5830

Conversions

Conversions Part 2

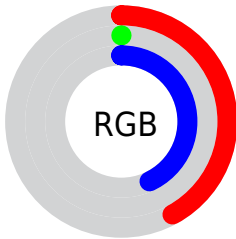
Format	Color
RYB	107, 0, 109
Decimal	7012461
CIELab	24.42, 52.19, -33.19
CIELCh	24, 61.847, 327.542
Yxy	4.2299, 0.3166, 0.1518
Android (android.graphics.Color)	4285202541 (0xFF6B006D)
YUV	44.4190, 31.8384, 54.8835
Hunter-Lab	20.5668, 40.5896, -28.3246

Details

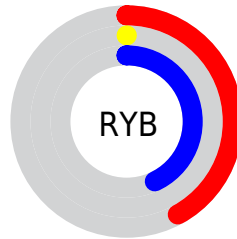
The Hex color **6B006D** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **026D00**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **A242A1**, and **37003D** is the 20% darker color. If you saturate the color by 10%, you get **6B006D**, and if you desaturate by 10%, it is **6B0B6D**.

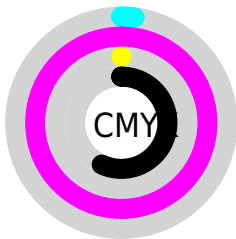
Distribution



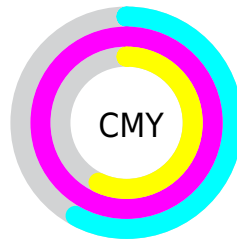
- Red (42%)
- Green (0%)
- Blue (43%)



- Red (42%)
- Yellow (0%)
- Blue (43%)



- Cyan (2%)
- Magenta (100%)
- Yellow (0%)
- Black (57%)



- Cyan (58%)
- Magenta (100%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Hex color 6B006D 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 6B006D by changing the saturation by 10% instead.

 6B006D

 6B006D

FFFFFF

 510054

 A242A1

 37003D

 BE5DBC

 1E0026

 DB78D8

 00010F

 F893F5

 000000

 FFAEFF

 FFCBFF

 FFE8FF

 6B006D

 6B0B6D

 6B166D

 6C216D

 6C2C6D

 6C376D

 6C416D

 6C4C6D

 6D576D

 6D626D

Harmonies

Analogous

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



192F8F



6B006D



850040

Triad

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



6B006D



4B3700



004C64

Complementary

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



6B006D



026D00

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.



004B35



6B006D



1B4300

Square

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



6B006D



6E1F00



004900



004A8A

Rectangle

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



6B006D



860022



004900



004C55

Sweetspot

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



6B006D



8E648F



00046D



472E47



C7C7C7



474747

Same Dimension

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



6B006D



8C008F



6D003A



353036



730075



F000F5

Inverse Universe

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



6D0002



8F0003



006D33



363030



750002



F50004

Previews

White Background



This preview shows how the Hex color 6B006D looks on a white background.

Color Contrast Check

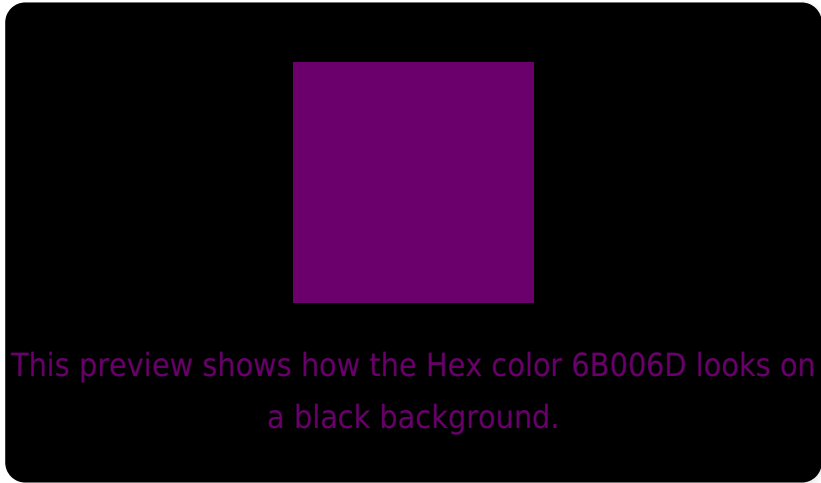
Large Text (above 18pt) WCAG AA ✓ Pass

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

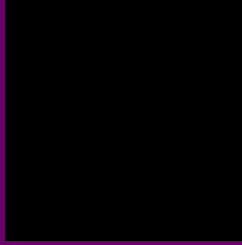
Any Text WCAG AA × Fail

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 6B006D Background



This preview shows how black text looks on a background with the Hex color 6B006D.



This preview shows how white text looks on a background with the Hex color 6B006D.

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





Tritanopia
642B2E

Trichromacy



Original Color
6B006D



Protanomaly
272678



Deuteranomaly
3D2769

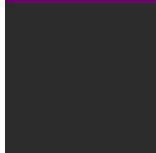


Tritanomaly
671B45

Monochromacy



Original Color
6B006D



Achromatopsia
2C2C2C



Achromatomaly
431C44

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B006D 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 #6B006D looks like.

```
.text, #text, p{  
    color:#6B006D  
}
```

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 #6B006D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B006D
}
```

Border

The CSS property to change the border of an element to Hex 6B006D is called "border". The border property can be set on classes, ids or directly on the HTML element.

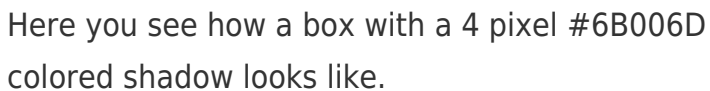
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B006D }
```

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

```
.border{ border-color:#6B006D }
```

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



Here you see how a box with a 4 pixel #6B006D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B006D; -webkit-box-shadow:4px 4px  
4px 4px #6B006D; box-shadow:4px 4px 4px  
4px #6B006D }
```

Background

The CSS property to change the background color of an element to Hex 6B006D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B006D }
```

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

```
.background{ background-color:#6B006D }
```

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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