

Converting Colors

Hex(6C006B)

Have a look what the booklet for
Hex(6C006B) contains.

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Color

Hex(6C006B)

Conversions

Conversions Part 1

Format	Color
Hex	6C006B
RGB	108, 0, 107
RGB Percent	42%, 0%, 42%
CMY	0.5765, 1.0000, 0.5804
CMYK	0.00, 1.00, 0.01, 0.58
HSL	301°, 100%, 21%
HSV	301°, 100%, 42%
XYZ	8.8382, 4.2497, 14.2644
YIQ	44.4900, 30.0210, 56.1730

Conversions

Conversions Part 2

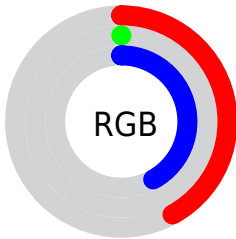
Format	Color
R_{YB}	108, 0, 107
Decimal	7077995
CIE _{Lab}	24.48, 52.04, -31.78
CIE _{LCh}	24, 60.977, 328.585
Yxy	4.2497, 0.3231, 0.1554
Android (android.graphics.Color)	4285268075 (0xFF6C006B)
YUV	44.4900, 30.8174, 55.6983
Hunter-Lab	20.6148, 40.4526, -26.5953

Details

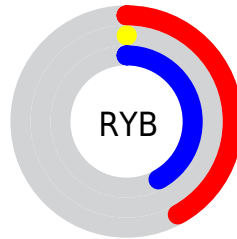
The Hex color **6C006B** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **006C01**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **A3429F**, and **38003B** is the 20% darker color. If you saturate the color by 10%, you get **6C006B**, and if you desaturate by 10%, it is **6C0B6B**.

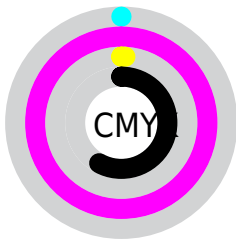
Distribution



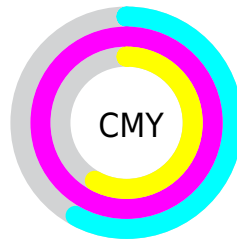
- Red (42%)
- Green (0%)
- Blue (42%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (1%)
- Black (58%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 6C006B 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 6C006B by changing the saturation by 10% instead.



6C006B



6C006B

FFFFFF



520052



A3429F



38003B



BF5DBA



1F0025



DC78D6



00000C



F993F3



000000



FFAFFF



FFCBFF



FFE8FF



6C006B

 6C0B6B

 6C166B

 6C206B

 6C2B6B

 6C366C

 6C416C

 6C4C6C

 6C566C

 6C616C

Harmonies

Analogous

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



212F8D



6C006B



84003F

Triad

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



6C006B



4A3800



004C66

Complementary

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



6C006B



006C01

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.



004B37



6C006B



1A4400

Square

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



6C006B



6C2100



004900



004A8A

Rectangle

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



6C006B



850021



004900



004C57

Sweetspot

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



6C006B



8C628C



00006C



472E47



C7C7C7



474747

Same Dimension

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



6C006B



8C008B



6C0036



363036



750074



F500F3

Inverse Universe

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



6C006B



8C008B



006C36



363036



750074



F500F3

Previews

White Background



This preview shows how the Hex color 6C006B looks on a white background.

Color Contrast Check

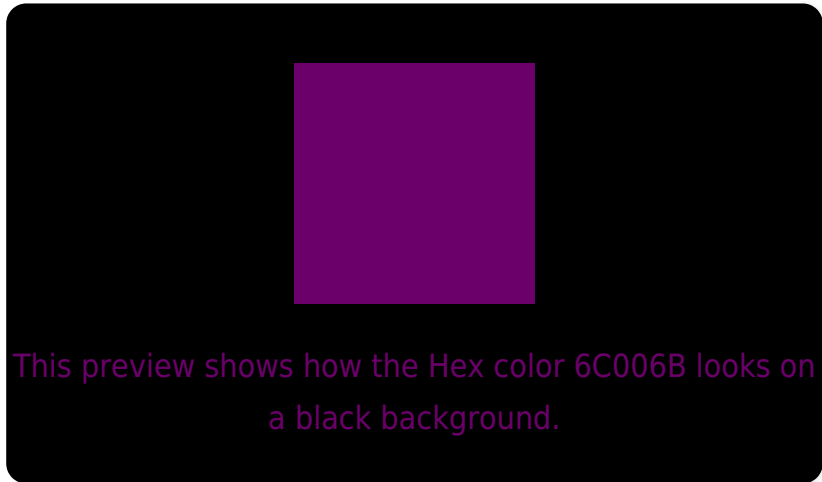
Large Text (above 18pt) WCAG AA ✓ Pass

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

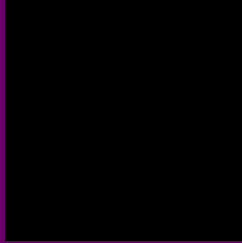
Any Text WCAG AA × Fail

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 6C006B Background



This preview shows how black text looks on a background with the Hex color 6C006B.



This preview shows how white text looks on a background with the Hex color 6C006B.

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



Trichromacy



Original Color
6C006B



Protanomaly
272677



Deuteranomaly
3F2767



Tritanomaly
681B44

Monochromacy



Original Color
6C006B



Achromatopsia
2C2C2C



Achromatomaly
431C43

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C006B 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 #6C006B looks like.

```
.text, #text, p{  
    color:#6C006B  
}
```

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 #6C006B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C006B
}
```

Border

The CSS property to change the border of an element to Hex 6C006B is called "border". The border property can be set on classes, ids or directly on the HTML element.

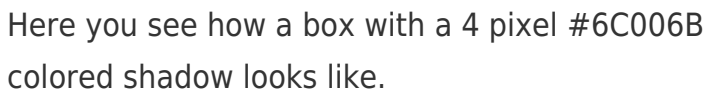
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C006B }
```

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

```
.border{ border-color:#6C006B }
```

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



Here you see how a box with a 4 pixel #6C006B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C006B; -webkit-box-shadow:4px 4px  
4px 4px #6C006B; box-shadow:4px 4px 4px  
4px #6C006B }
```

Background

The CSS property to change the background color of an element to Hex 6C006B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C006B }
```

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

```
.background{ background-color:#6C006B }
```

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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