

Converting Colors

Hex(6B0271)

Have a look what the booklet for
Hex(6B0271) contains.

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Color

Hex(6B0271)

Conversions

Conversions Part 1

Format	Color
Hex	6B0271
RGB	107, 2, 113
RGB Percent	42%, 1%, 44%
CMY	0.5804, 0.9922, 0.5569
CMYK	0.05, 0.98, 0.00, 0.56
HSL	297°, 97%, 23%
HSV	297°, 98%, 44%
XYZ	9.0657, 4.3615, 15.9868
YIQ	46.0490, 26.9490, 56.7810

Conversions

Conversions Part 2

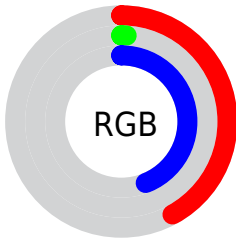
Format	Color
RYB	107, 2, 113
Decimal	7012977
CIELab	24.83, 52.45, -35.11
CIElCh	25, 63.117, 326.201
Yxy	4.3615, 0.3082, 0.1483
Android (android.graphics.Color)	4285203057 (0xFF6B0271)
YUV	46.0490, 33.0068, 53.4540
Hunter-Lab	20.8841, 40.9392, -30.7676

Details

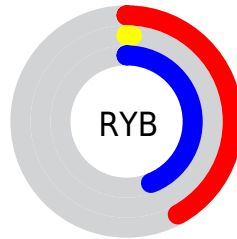
The Hex color **6B0271** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **087102**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **A243A5**, and **370040** is the 20% darker color. If you saturate the color by 10%, you get **6B0071**, and if you desaturate by 10%, it is **6C0D71**.

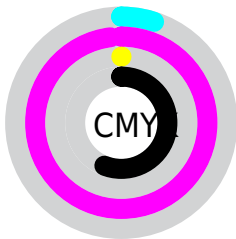
Distribution



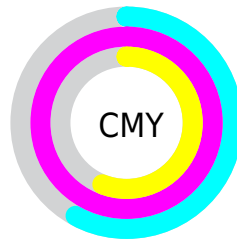
- Red (42%)
- Green (1%)
- Blue (44%)



- Red (42%)
- Yellow (1%)
- Blue (44%)



- Cyan (5%)
- Magenta (98%)
- Yellow (0%)
- Black (56%)



- Cyan (58%)
- Magenta (99%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B0271 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 6B0271 by changing the saturation by 10% instead.

6B0271

6B0271

FFFFFF

510058

A243A5

370040

BE5EC1

1E002A

DB79DD

000113

F894FA

000000

FFB0FF

FFCCFF

FFE9FF

6B0271

6B0271

■ 6B0071

■ 6C0D71

■ 6C1971

■ 6D2471

■ 6D2F71

■ 6E3A71

■ 6F4671

■ 6F5171

■ 705C71

■ 706871

Harmonies

Analogous

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



093192



6B0271



870043

Triad

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



6B0271



4E3700



004D64

Complementary

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



6B0271



087102

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.



004C33



6B0271



1E4400

Square

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



6B0271



711D00



004A00



004C8B

Rectangle

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



6B0271



890024



004A00



004D55

Sweetspot

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



6B0271



926994



020971



49304A



C9C9C9



4A4A4A

Same Dimension

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



6B0271



8C0094



710241



383238



710078



EA00F7

Inverse Universe

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



710208



940008



027132



383233



780006



F7000D

Previews

White Background



This preview shows how the Hex color 6B0271 looks on a white background.

Color Contrast Check

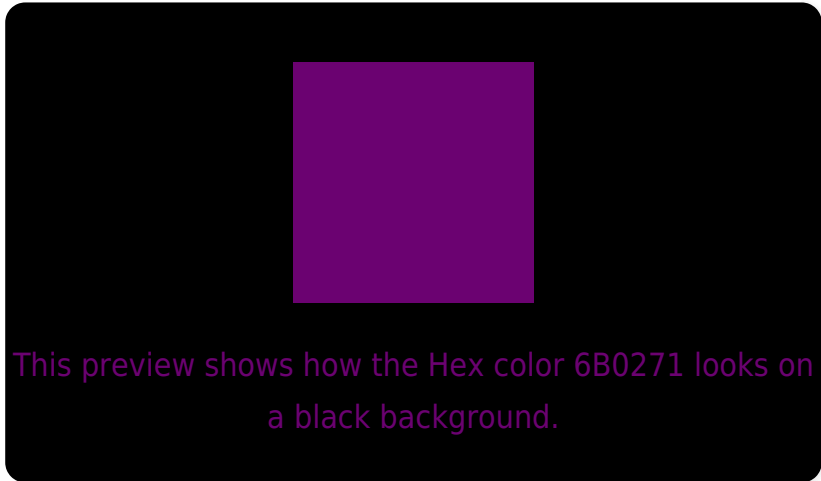
Large Text (above 18pt) WCAG AA ✓ Pass

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

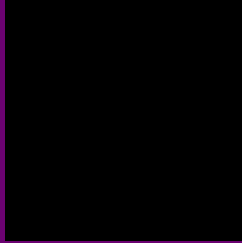
Any Text WCAG AA × Fail

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 6B0271 Background



This preview shows how black text looks on a background with the Hex color 6B0271.



This preview shows how white text looks on a background with the Hex color 6B0271.

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
6B0271

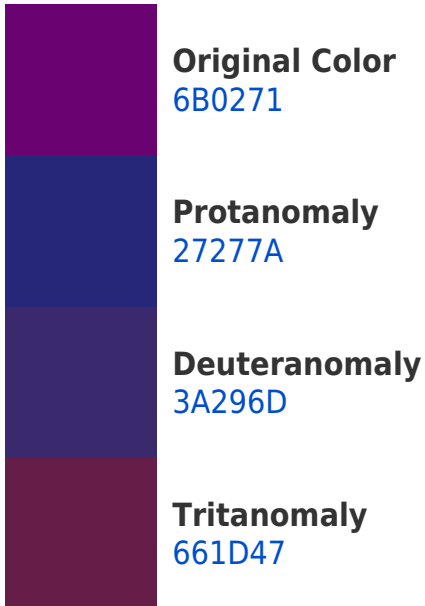
Protanopia
003C7F

Deuteranopia
1E3F6A

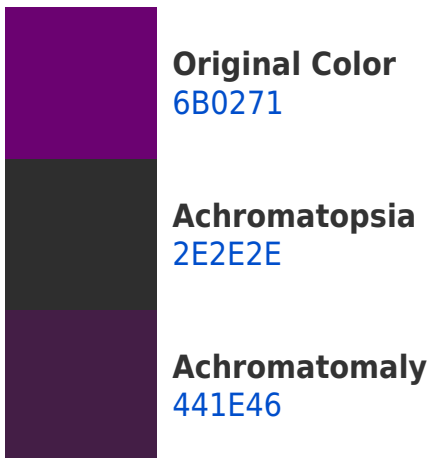


Tritanopia
632C2F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B0271 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 #6B0271 looks like.

```
.text, #text, p{  
    color:#6B0271  
}
```

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 #6B0271 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B0271
}
```

Border

The CSS property to change the border of an element to Hex 6B0271 is called "border". The border property can be set on classes, ids or directly on the HTML element.

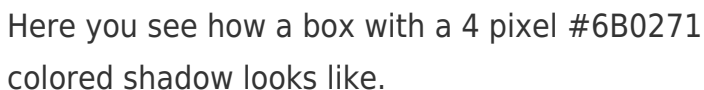
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B0271 }
```

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

```
.border{ border-color:#6B0271 }
```

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



Here you see how a box with a 4 pixel #6B0271 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B0271; -webkit-box-shadow:4px 4px  
4px 4px #6B0271; box-shadow:4px 4px 4px  
4px #6B0271 }
```

Background

The CSS property to change the background color of an element to Hex 6B0271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B0271 }
```

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

```
.background{ background-color:#6B0271 }
```

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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