

Converting Colors

Hex(B6006A)

Have a look what the booklet for
Hex(B6006A) contains.

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Color

Hex(B6006A)

Conversions

Conversions Part 1

Format	Color
Hex	B6006A
RGB	182, 0, 106
RGB Percent	71%, 0%, 42%
CMY	0.2863, 1.0000, 0.5843
CMYK	0.00, 1.00, 0.42, 0.29
HSL	325°, 100%, 36%
HSV	325°, 100%, 71%
XYZ	21.8929, 10.9857, 14.6022
YIQ	66.5020, 74.4460, 71.5500

Conversions

Conversions Part 2

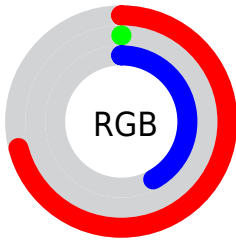
Format	Color
R_{YB}	182, 0, 106
Decimal	11927658
CIE _{Lab}	39.56, 67.03, -6.59
CIE _{LCh}	40, 67.352, 354.389
Yxy	10.9857, 0.4611, 0.2314
Android (android.graphics.Color)	4290117738 (0xFFB6006A)
YUV	66.5020, 19.4725, 101.2917
Hunter-Lab	33.1447, 59.9008, -2.9196

Details

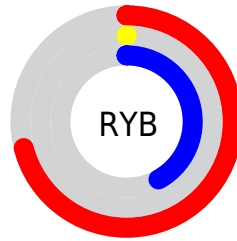
The Hex color **B6006A** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **00B64C**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **F3539D**, and **7B003B** is the 20% darker color. If you saturate the color by 10%, you get **B6006A**, and if you desaturate by 10%, it is **B61272**.

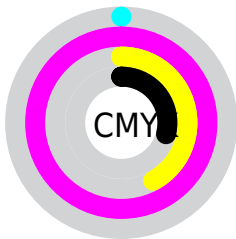
Distribution



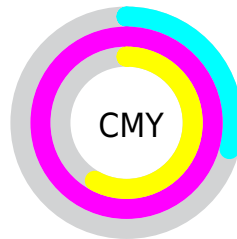
- Red (71%)
- Green (0%)
- Blue (42%)



- Red (71%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (29%)



- Cyan (29%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6006A 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 B6006A by changing the saturation by 10% instead.

 B6006A

 B6006A

FFFFFF

 980052

 F3539D

 7B003B

 FF70B8

 5E0025

 FF8DD4

 440010

 FFAAF0

 240001

 FFC7FF

 000000

 FFE5FF

 B6006A

 B61272

 B62479

 B63781

 B64988

 B65B90

 B66D98

 B67F9F

 B692A7

 B6A4AE

Harmonies

Analogous

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



93329E



B6006A



B81534

Triad

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



B6006A



476700



0071B7

Complementary

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



B6006A



00B64C

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.



007489



B6006A



007013

Square

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



B6006A



7B5700



007351



0068CC

Rectangle

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



B6006A



AB320E



007351



0073AA

Sweetspot

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



B6006A



EDA6CF



4C00B6



784D66



F7F7F7



787878

Same Dimension

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



B6006A



ED008A



B6000F



5C5358



9C005B



1C0010

Inverse Universe

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



B6006A



ED008A



00B6A7



5C5358



9C005B



1C0010

Previews

White Background



This preview shows how the Hex color B6006A looks on a white background.

Color Contrast Check

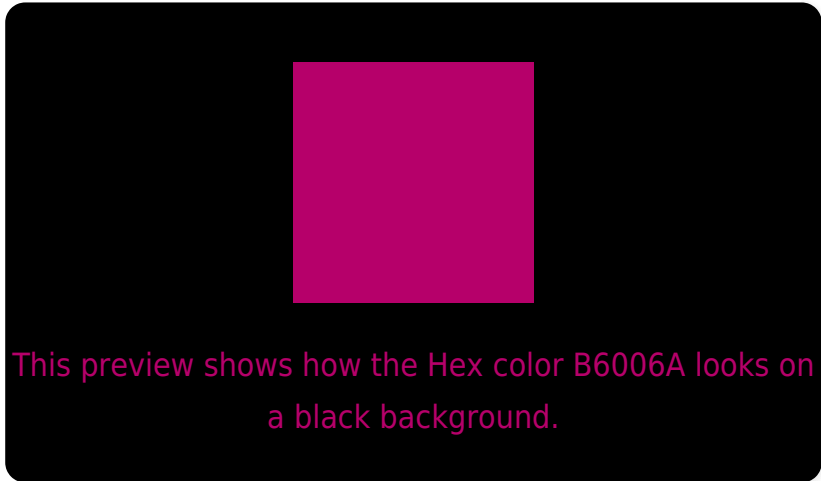
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 B6006A Background



This preview shows how black text looks on a background with the Hex color B6006A.

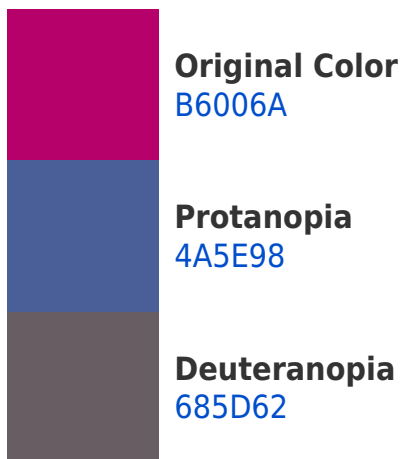


This preview shows how white text looks on a background with the Hex color B6006A.

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
B6006A



Protanomaly
713C87



Deuteranomaly
843B65

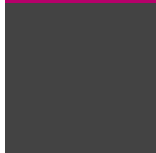


Tritanomaly
B31B42

Monochromacy



Original Color
B6006A



Achromatopsia
434343



Achromatomaly
6D2B51

CSS Examples

Text

The CSS property to change the color of the text to Hex B6006A 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 #B6006A looks like.

```
.text, #text, p{  
    color:#B6006A  
}
```

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 #B6006A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6006A
}
```

Border

The CSS property to change the border of an element to Hex B6006A is called "border". The border property can be set on classes, ids or directly on the HTML element.

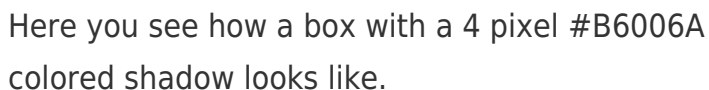
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B6006A }
```

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

```
.border{ border-color:#B6006A }
```

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



Here you see how a box with a 4 pixel #B6006A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6006A; -webkit-box-shadow:4px 4px  
4px 4px #B6006A; box-shadow:4px 4px 4px  
4px #B6006A }
```

Background

The CSS property to change the background color of an element to Hex B6006A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6006A }
```

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

```
.background{ background-color:#B6006A }
```

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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