

Converting Colors

Hex(B3006A)

Have a look what the booklet for
Hex(B3006A) contains.

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Color

Hex(B3006A)

Conversions

Conversions Part 1

Format	Color
Hex	B3006A
RGB	179, 0, 106
RGB Percent	70%, 0%, 42%
CMY	0.2980, 1.0000, 0.5843
CMYK	0.00, 1.00, 0.41, 0.30
HSL	324°, 100%, 35%
HSV	324°, 100%, 70%
XYZ	21.1919, 10.6243, 14.5694
YIQ	65.6050, 72.6580, 70.9140

Conversions

Conversions Part 2

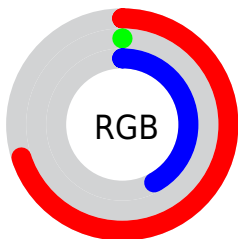
Format	Color
R_{YB}	179, 0, 106
Decimal	11731050
CIE _{Lab}	38.94, 66.38, -7.57
CIE _{LCh}	39, 66.808, 353.493
Yxy	10.6243, 0.4569, 0.2290
Android (android.graphics.Color)	4289921130 (0xFFB3006A)
YUV	65.6050, 19.9147, 99.4474
Hunter-Lab	32.5950, 59.0123, -3.6852

Details

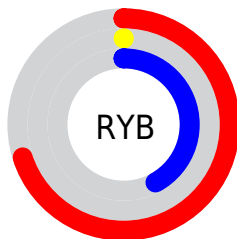
The Hex color **B3006A** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **00B349**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **EF529D**, and **78003B** is the 20% darker color. If you saturate the color by 10%, you get **B3006A**, and if you desaturate by 10%, it is **B31271**.

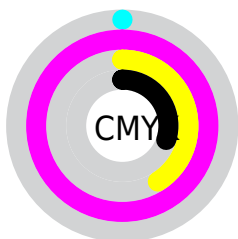
Distribution



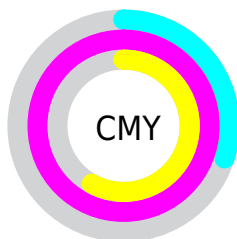
- Red (70%)
- Green (0%)
- Blue (42%)



- Red (70%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (41%)
- Black (30%)



- Cyan (30%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3006A 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 B3006A by changing the saturation by 10% instead.

 B3006A

 B3006A

FFFFFF

 950052

 EF529D

 78003B

 FF70B8

 5B0025

 FF8CD4

 410010

 FFA9F0

 200001

 FFC6FF

 000000

 FFE4FF

 B3006A

 B31271

 B32479

 B33680

 B34887

 B35A8E

 B36B96

 B37D9D

 B38FA4

 B3A1AC

Harmonies

Analogous

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



8F329D



B3006A



B61234

Triad

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



B3006A



476500



0070B3

Complementary

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



B3006A



00B349

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.



007286



B3006A



006E0F

Square

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



B3006A



7A5500



00714E



0066C9

Rectangle

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



B3006A



AA2F0F



00714E



0071A6

Sweetspot

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



B3006A



E8A2CC



4800B3



754B64



F5F5F5



757575

Same Dimension

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



B3006A



E80089



B30012



595056



99005B



1A000F

Inverse Universe

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



B3006A



E80089



00B3A1



595056



99005B



1A000F

Previews

White Background



This preview shows how the Hex color B3006A looks on a white background.

Color Contrast Check

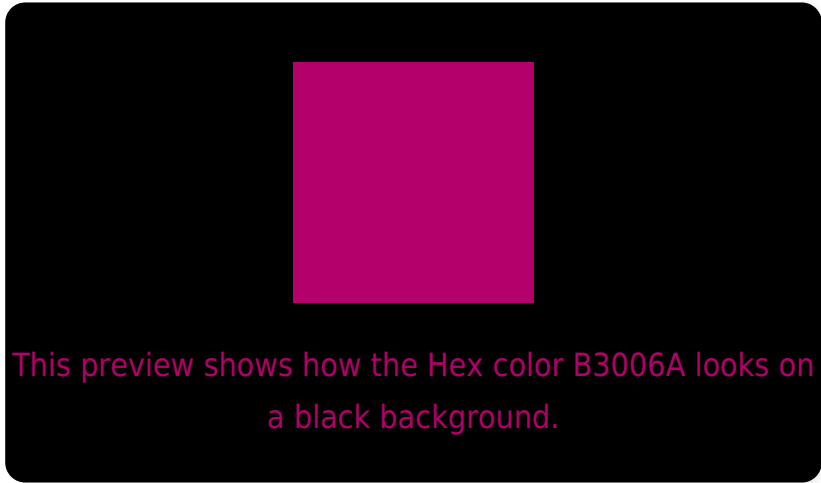
Large Text (above 18pt) WCAG AA ✓ Pass

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 B3006A Background



This preview shows how black text looks on a background with the Hex color B3006A.



This preview shows how white text looks on a background with the Hex color B3006A.

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
B3006A



Protanomaly
6E3B87



Deuteranomaly
823B65

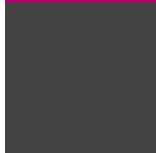


Tritanomaly
B01B42

Monochromacy



Original Color
B3006A



Achromatopsia
424242



Achromatomaly
6B2A51

CSS Examples

Text

The CSS property to change the color of the text to Hex B3006A 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 #B3006A looks like.

```
.text, #text, p{  
    color:#B3006A  
}
```

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 #B3006A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3006A
}
```

Border

The CSS property to change the border of an element to Hex B3006A 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
#B3006A }
```

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

```
.border{ border-color:#B3006A }
```

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

Here you see how a box with a 4 pixel #B3006A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3006A; -webkit-box-shadow:4px 4px  
4px 4px #B3006A; box-shadow:4px 4px 4px  
4px #B3006A }
```

Background

The CSS property to change the background color of an element to Hex B3006A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3006A }
```

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

```
.background{ background-color:#B3006A }
```

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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