

Converting Colors

Hex(3B026B)

Have a look what the booklet for
Hex(3B026B) contains.

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Color

Hex(3B026B)

Conversions

Conversions Part 1

Format	Color
Hex	3B026B
RGB	59, 2, 107
RGB Percent	23%, 1%, 42%
CMY	0.7686, 0.9922, 0.5804
CMYK	0.45, 0.98, 0.00, 0.58
HSL	273°, 96%, 21%
HSV	273°, 98%, 42%
XYZ	4.4792, 2.0348, 14.0666
YIQ	31.0130, 0.2670, 44.7390

Conversions

Conversions Part 2

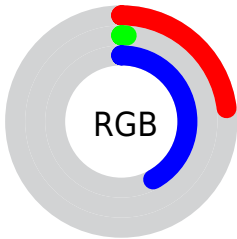
Format	Color
RYB	59, 2, 107
Decimal	3867243
CIELab	15.67, 44.10, -46.50
CIELCh	16, 64.089, 313.480
Yxy	2.0348, 0.2176, 0.0989
Android (android.graphics.Color)	4282057323 (0xFF3B026B)
YUV	31.0130, 37.4616, 24.5446
Hunter-Lab	14.2645, 31.0877, -48.4822

Details

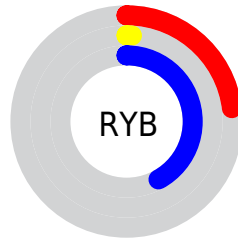
The Hex color **3B026B** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **326B02**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **70389F**, and **00003A** is the 20% darker color. If you saturate the color by 10%, you get **3A006B**, and if you desaturate by 10%, it is **400D6B**.

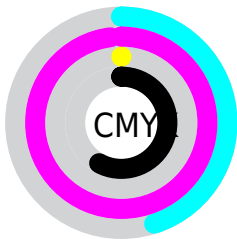
Distribution



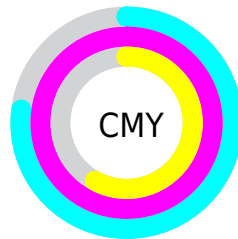
- Red (23%)
- Green (1%)
- Blue (42%)



- Red (23%)
- Yellow (1%)
- Blue (42%)



- Cyan (45%)
- Magenta (98%)
- Yellow (0%)
- Black (58%)



- Cyan (77%)
- Magenta (99%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B026B 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 3B026B by changing the saturation by 10% instead.

 3B026B

 3B026B

 FFF4FF

 200052

 70389F

 00003A

 8C51BB

 000224

 A76BD7

 00000B

 C485F4

 000000

 E0A0FF

 FEBBFF

 FFD7FF

 3B026B

 3B026B

■ 3A006B

■ 400D6B

■ 45176B

■ 4A226B

■ 4F2D6B

■ 53386B

■ 58426B

■ 5D4D6B

■ 62586B

■ 67626B

Harmonies

Analogous

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



002883



3B026B



660042

Triad

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



3B026B



451B00



00373B

Complementary

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



3B026B



326B02

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.



003608



3B026B



1E2C00

Square

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



3B026B



610000



003300



003767

Rectangle

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



3B026B



6F0024



003300



00372C

Sweetspot

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



3B026B



7A648C



02336B



3C2E47



C7C7C7



474747

Same Dimension

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



3B026B



4C008C



6B0268



333036



400075



8500F5

Inverse Universe

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



6B0232



8C0040



026B05



363033



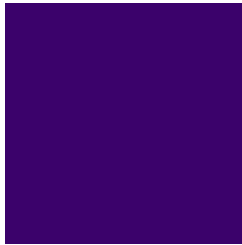
750036



F50070

Previews

White Background



This preview shows how the Hex color 3B026B looks on a white background.

Color Contrast Check

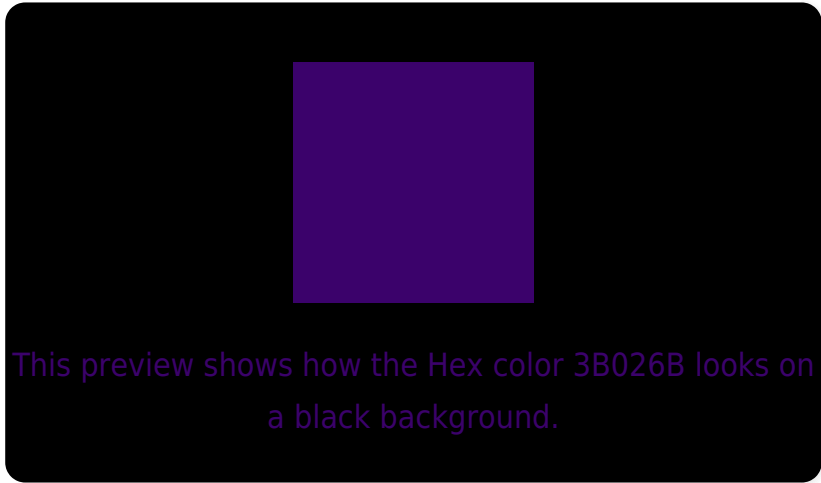
Large Text (above 18pt) WCAG AA ✓ Pass

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

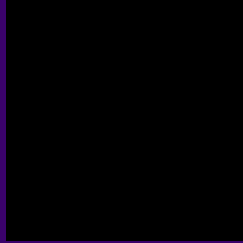
Any Text WCAG AA × Fail

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 3B026B Background



This preview shows how black text looks on a background with the Hex color 3B026B.

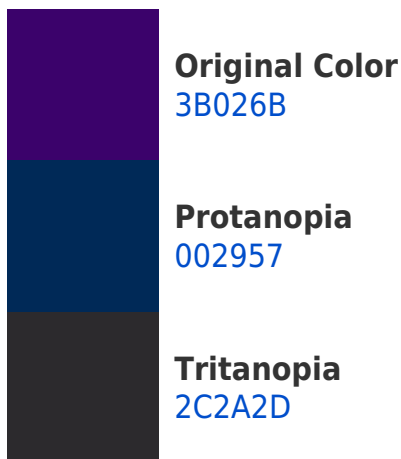


This preview shows how white text looks on a background with the Hex color 3B026B.

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

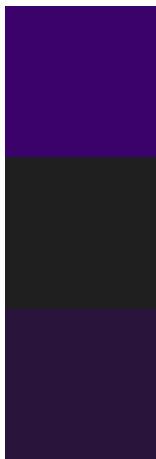


Original Color
3B026B

Protanomaly
151B5E

Tritanomaly
311B44

Monochromacy



Original Color
3B026B

Achromatopsia
1F1F1F

Achromatomaly
29143B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B026B 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 #3B026B looks like.

```
.text, #text, p{  
    color:#3B026B  
}
```

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 #3B026B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B026B
}
```

Border

The CSS property to change the border of an element to Hex 3B026B is called "border". The border property can be set on classes, ids or directly on the HTML element.

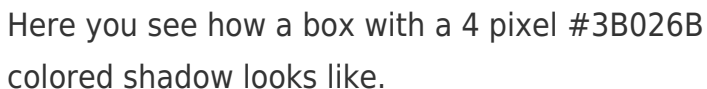
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B026B }
```

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

```
.border{ border-color:#3B026B }
```

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



Here you see how a box with a 4 pixel #3B026B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B026B; -webkit-box-shadow:4px 4px  
4px 4px #3B026B; box-shadow:4px 4px 4px  
4px #3B026B }
```

Background

The CSS property to change the background color of an element to Hex 3B026B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B026B }
```

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

```
.background{ background-color:#3B026B }
```

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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