

Converting Colors

Hex(3B0066)

Have a look what the booklet for
Hex(3B0066) contains.

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Color

Hex(3B0066)

Conversions

Conversions Part 1

Format	Color
Hex	3B0066
RGB	59, 0, 102
RGB Percent	23%, 0%, 40%
CMY	0.7686, 1.0000, 0.6000
CMYK	0.42, 1.00, 0.00, 0.60
HSL	275°, 100%, 20%
HSV	275°, 100%, 40%
XYZ	4.2019, 1.8891, 12.7135
YIQ	29.2690, 2.4220, 44.2300

Conversions

Conversions Part 2

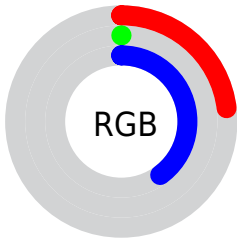
Format	Color
R_{YB}	59, 0, 102
Decimal	3866726
CIE _{Lab}	14.89, 43.63, -44.49
CIE _{LCh}	15, 62.312, 314.443
Yxy	1.8891, 0.2235, 0.1005
Android (android.graphics.Color)	4282056806 (0xFF3B0066)
YUV	29.2690, 35.8564, 26.0741
Hunter-Lab	13.7445, 30.5173, -45.2215

Details

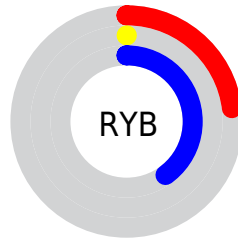
The Hex color **3B0066** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **2B6600**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **70369A**, and **000036** is the 20% darker color. If you saturate the color by 10%, you get **3B0066**, and if you desaturate by 10%, it is **3F0A66**.

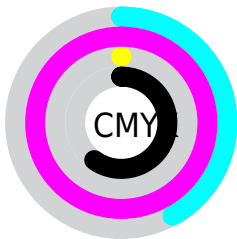
Distribution



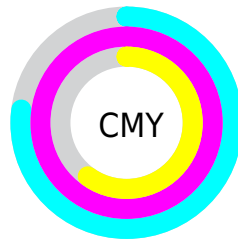
- Red (23%)
- Green (0%)
- Blue (40%)



- Red (23%)
- Yellow (0%)
- Blue (40%)



- Cyan (42%)
- Magenta (100%)
- Yellow (0%)
- Black (60%)



- Cyan (77%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B0066 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 3B0066 by changing the saturation by 10% instead.

 3B0066

 3B0066

 FFF2FF

 21004D

 70369A

 000036

 8B4FB5

 00021F

 A769D1

 000003

 C383EE

 000000

 E09EFF

 FDB9FF

 FFD5FF

 3B0066

■ 3F0A66

■ 441466

■ 481F66

■ 4C2966

■ 513366

■ 553D66

■ 594766

■ 5D5266

■ 625C66

Harmonies

Analogous

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



00267E



3B0066



63003E

Triad

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



3B0066



421A00



00363B

Complementary

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



3B0066



2B6600

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.



003409



3B0066



1B2A00

Square

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



3B0066



5D0000



003100



003564

Rectangle

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



3B0066



6B0022



003100



00352B

Sweetspot

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



3B0066



745D85



002C66



382A42



C2C2C2



424242

Same Dimension

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



3B0066



4D0085



66005F



312E33



420073



8C00F2

Inverse Universe

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



66002B



850038



006607



332E30



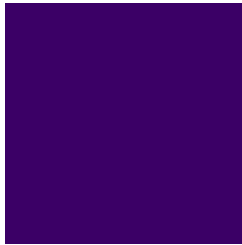
730030



F20066

Previews

White Background



This preview shows how the Hex color 3B0066 looks on a white background.

Color Contrast Check

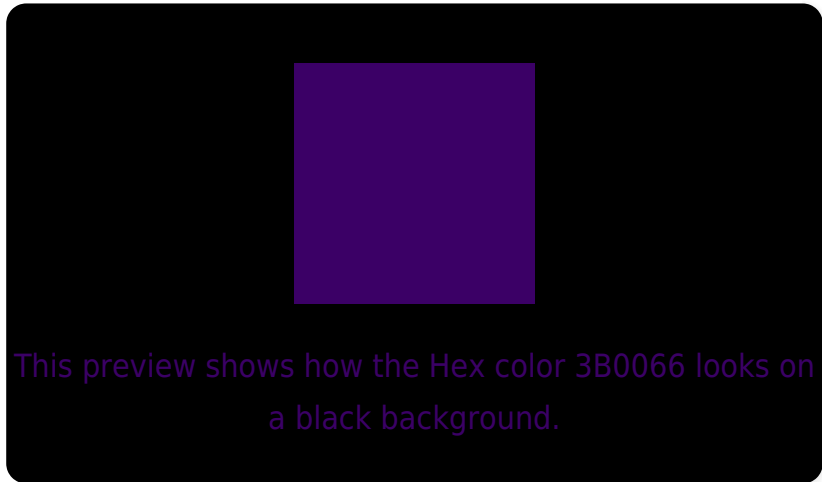
Large Text (above 18pt) WCAG AA ✓ Pass

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

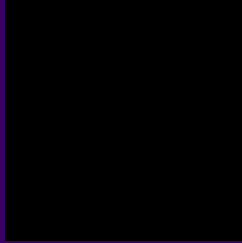
Any Text WCAG AA × Fail

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 3B0066 Background



This preview shows how black text looks on a background with the Hex color 3B0066.



This preview shows how white text looks on a background with the Hex color 3B0066.

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
3B0066

Protanopia
002854

Deuteranopia
002B48



Tritanopia
2E282B

Trichromacy



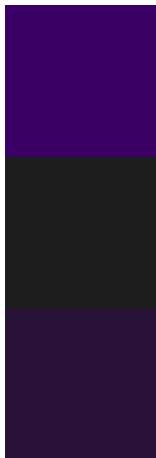
Original Color
3B0066

Protanomaly
15195B

Deuteranomaly
151B53

Tritanomaly
331940

Monochromacy



Original Color
3B0066

Achromatopsia
1D1D1D

Achromatomaly
281238

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B0066 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 #3B0066 looks like.

```
.text, #text, p{  
    color:#3B0066  
}
```

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 #3B0066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B0066
}
```

Border

The CSS property to change the border of an element to Hex 3B0066 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
#3B0066 }
```

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

```
.border{ border-color:#3B0066 }
```

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

Here you see how a box with a 4 pixel #3B0066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B0066; -webkit-box-shadow:4px 4px  
4px 4px #3B0066; box-shadow:4px 4px 4px  
4px #3B0066 }
```

Background

The CSS property to change the background color of an element to Hex 3B0066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B0066 }
```

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

```
.background{ background-color:#3B0066 }
```

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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