

Converting Colors

Hex(3B00A2)

Have a look what the booklet for
Hex(3B00A2) contains.

Hex(3B00A2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3B00A2)

Conversions

Conversions Part 1

Format	Color
Hex	3B00A2
RGB	59, 0, 162
RGB Percent	23%, 0%, 64%
CMY	0.7686, 1.0000, 0.3647
CMYK	0.64, 1.00, 0.00, 0.36
HSL	262°, 100%, 32%
HSV	262°, 100%, 64%
XYZ	8.3252, 3.5384, 34.4266
YIQ	36.1090, -16.8380, 62.8900

Conversions

Conversions Part 2

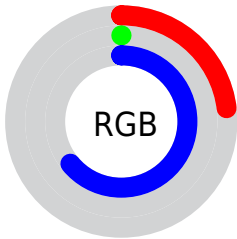
Format	Color
RYB	59, 0, 162
Decimal	3866786
CIELab	22.08, 57.90, -70.59
CIELCh	22, 91.301, 309.360
Yxy	3.5384, 0.1798, 0.0764
Android (android.graphics.Color)	4282056866 (0xFF3B00A2)
YUV	36.1090, 62.0643, 20.0754
Hunter-Lab	18.8107, 46.0813, -95.3425

Details

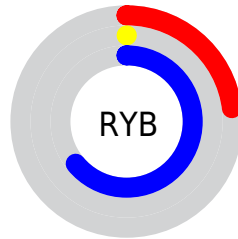
The Hex color **3B00A2** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **67A200**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **793EDA**, and **00006D** is the 20% darker color. If you saturate the color by 10%, you get **3B00A2**, and if you desaturate by 10%, it is **4510A2**.

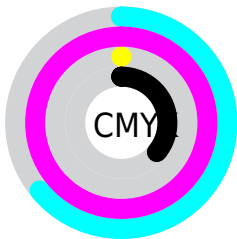
Distribution



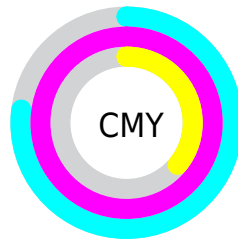
- Red (23%)
- Green (0%)
- Blue (64%)



- Red (23%)
- Yellow (0%)
- Blue (64%)



- Cyan (64%)
- Magenta (100%)
- Yellow (0%)
- Black (36%)



- Cyan (77%)
- Magenta (100%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B00A2 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 3B00A2 by changing the saturation by 10% instead.

 3B00A2

 3B00A2

FFFEFF

 100087

 793EDA

 00006D

 9758F7

 000053

 B472FF

 00063B

 D28DFF

 000224

 F0A8FF

 00000D

 FFC4FF

 000000

 FFE1FF

 3B00A2

 4510A2

 5020A2

 5A31A2

 6441A2

 6E51A2

 7961A2

 8371A2

 8D82A2

 9892A2

Harmonies

Analogous

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



003CC2



3B00A2



8D0066

Triad

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



3B00A2



661A00



004A4A

Complementary

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



3B00A2



67A200

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.



004800



3B00A2



2E3A00

Square

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



3B00A2



8D0000



004400



004B8D

Rectangle

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



3B00A2



9D003A



004400



004932

Sweetspot

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



3B00A2



AB94D4



0069A2



53456B



EBEBEB



6B6B6B

Same Dimension

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



3B00A2



4D00D4



8A00A2



4C4952



350091



070012

Inverse Universe

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



A20067



D40087



18A200



52494F



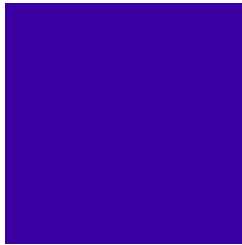
91005C



12000B

Previews

White Background



This preview shows how the Hex color 3B00A2 looks on a white background.

Color Contrast Check

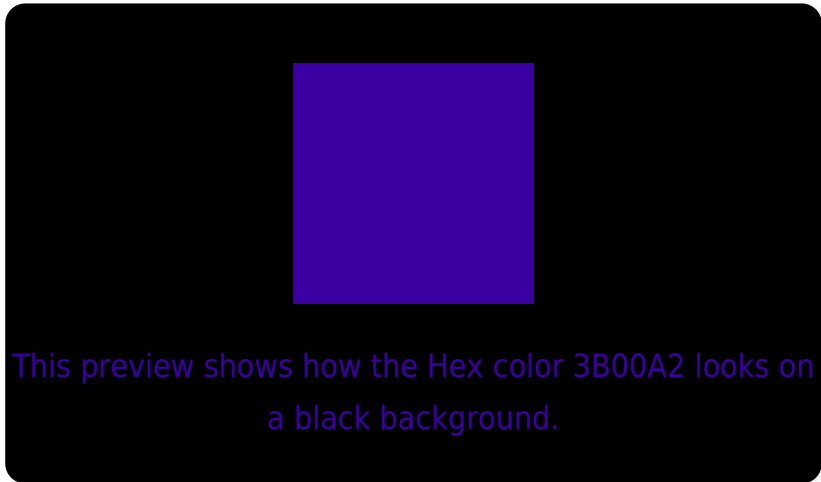
Large Text (above 18pt) WCAG AA ✓ Pass

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

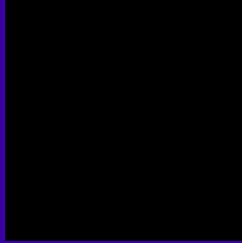
Any Text WCAG AA × Fail

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 3B00A2 Background



This preview shows how black text looks on a background with the Hex color 3B00A2.



This preview shows how white text looks on a background with the Hex color 3B00A2.

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
3B00A2

Protanopia
003671

Deuteranopia
003A60



Tritanopia
003E43

Trichromacy



Original Color
3B00A2

Protanomaly
152283

Deuteranomaly
152578

Tritanomaly
152766

Monochromacy



Original Color
3B00A2

Achromatopsia
242424

Achromatomaly
2C1752

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B00A2 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 #3B00A2 looks like.

```
.text, #text, p{  
    color:#3B00A2  
}
```

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 #3B00A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B00A2
}
```

Border

The CSS property to change the border of an element to Hex 3B00A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

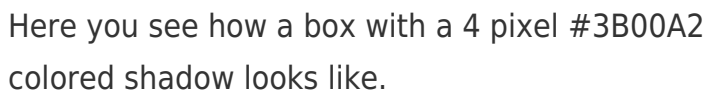
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B00A2 }
```

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

```
.border{ border-color:#3B00A2 }
```

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



Here you see how a box with a 4 pixel #3B00A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B00A2; -webkit-box-shadow:4px 4px  
4px 4px #3B00A2; box-shadow:4px 4px 4px  
4px #3B00A2 }
```

Background

The CSS property to change the background color of an element to Hex 3B00A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B00A2 }
```

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

```
.background{ background-color:#3B00A2 }
```

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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