

Converting Colors

Hex(3B008A)

Have a look what the booklet for
Hex(3B008A) contains.

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Color

Hex(3B008A)

Conversions

Conversions Part 1

Format	Color
Hex	3B008A
RGB	59, 0, 138
RGB Percent	23%, 0%, 54%
CMY	0.7686, 1.0000, 0.4588
CMYK	0.57, 1.00, 0.00, 0.46
HSL	266°, 100%, 27%
HSV	266°, 100%, 54%
XYZ	6.3911, 2.7648, 24.2416
YIQ	33.3730, -9.1340, 55.4260

Conversions

Conversions Part 2

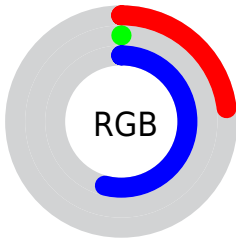
Format	Color
RYB	59, 0, 138
Decimal	3866762
CIELab	19.08, 52.13, -60.74
CIELCh	19, 80.044, 310.638
Yxy	2.7648, 0.1914, 0.0828
Android (android.graphics.Color)	4282056842 (0xFF3B008A)
YUV	33.3730, 51.5811, 22.4749
Hunter-Lab	16.6276, 39.5107, -74.8000

Details

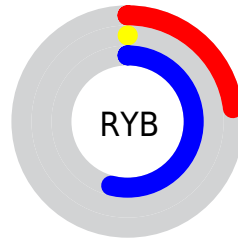
The Hex color **3B008A** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **4F8A00**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **753BC1**, and **000057** is the 20% darker color. If you saturate the color by 10%, you get **3B008A**, and if you desaturate by 10%, it is **430E8A**.

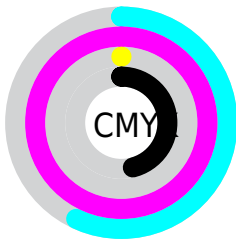
Distribution



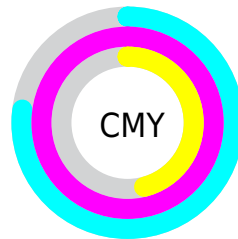
- Red (23%)
- Green (0%)
- Blue (54%)



- Red (23%)
- Yellow (0%)
- Blue (54%)



- Cyan (57%)
- Magenta (100%)
- Yellow (0%)
- Black (46%)



- Cyan (77%)
- Magenta (100%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B008A 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 3B008A by changing the saturation by 10% instead.

 3B008A

 3B008A

 FFF9FF

 190070

 753BC1

 000057

 9154DD

 00023E

 AE6EFA

 000327

 CB89FF

 000111

 E9A4FF

 000000

 FFC0FF

 FFD0FF

 3B008A

■ 430E8A

■ 4B1C8A

■ 53298A

■ 5B378A

■ 62458A

■ 6A538A

■ 72618A

■ 7A6E8A

■ 827C8A

Harmonies

Analogous

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



0033A6



3B008A



7C0056

Triad

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



3B008A



571A00



004143

Complementary

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



3B008A



4F8A00

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.



003F00



3B008A



273300

Square

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



3B008A



790000



003C00



00427C

Rectangle

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



3B008A



880030



003C00



00412E

Sweetspot

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



3B008A



947DB3



00518A



473959



D9D9D9



595959

Same Dimension

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



3B008A



4C00B3



7E008A



413E45



390085



020005

Inverse Universe

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



8A004F



B30066



0C8A00



453E42



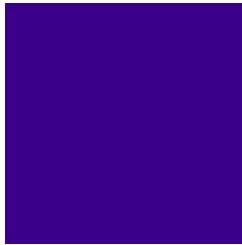
85004C



050003

Previews

White Background



This preview shows how the Hex color 3B008A looks on a white background.

Color Contrast Check

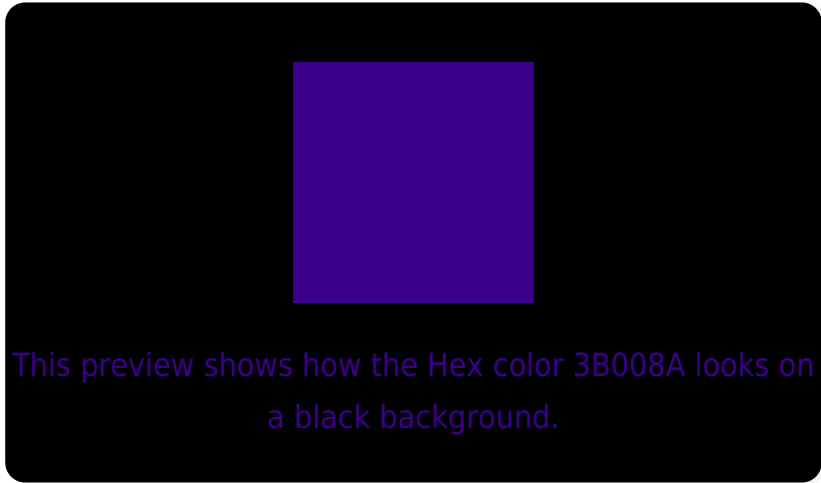
Large Text (above 18pt) WCAG AA ✓ Pass

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

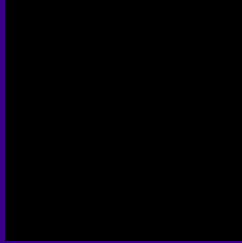
Any Text WCAG AA × Fail

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 3B008A Background



This preview shows how black text looks on a background with the Hex color 3B008A.



This preview shows how white text looks on a background with the Hex color 3B008A.

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](#).

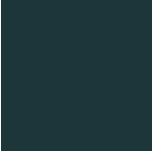
Dichromacy



Original Color
3B008A

Protanopia
003065

Deuteranopia
003356



Tritanopia
1C363A

Trichromacy



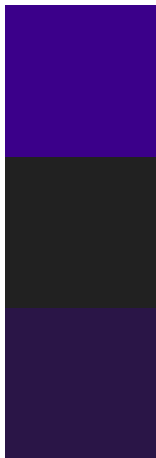
Original Color
3B008A

Protanomaly
151F72

Deuteranomaly
152069

Tritanomaly
272257

Monochromacy



Original Color
3B008A

Achromatopsia
212121

Achromatomaly
2A1547

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B008A 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 #3B008A looks like.

```
.text, #text, p{  
    color:#3B008A  
}
```

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 #3B008A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B008A
}
```

Border

The CSS property to change the border of an element to Hex 3B008A 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
#3B008A }
```

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

```
.border{ border-color:#3B008A }
```

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

Here you see how a box with a 4 pixel #3B008A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B008A; -webkit-box-shadow:4px 4px  
4px 4px #3B008A; box-shadow:4px 4px 4px  
4px #3B008A }
```

Background

The CSS property to change the background color of an element to Hex 3B008A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B008A }
```

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

```
.background{ background-color:#3B008A }
```

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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