

Converting Colors

Hex(3A009E)

Have a look what the booklet for
Hex(3A009E) contains.

Hex(3A009E)	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(3A009E)

Conversions

Conversions Part 1

Format	Color
Hex	3A009E
RGB	58, 0, 158
RGB Percent	23%, 0%, 62%
CMY	0.7725, 1.0000, 0.3804
CMYK	0.63, 1.00, 0.00, 0.38
HSL	262°, 100%, 31%
HSV	262°, 100%, 62%
XYZ	7.9165, 3.3682, 32.5806
YIQ	35.3540, -16.1500, 61.4340

Conversions

Conversions Part 2

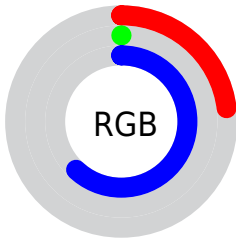
Format	Color
RYB	58, 0, 158
Decimal	3801246
CIELab	21.46, 56.88, -69.18
CIELCh	21, 89.565, 309.428
Yxy	3.3682, 0.1805, 0.0768
Android (android.graphics.Color)	4281991326 (0xFF3A009E)
YUV	35.3540, 60.4645, 19.8605
Hunter-Lab	18.3526, 44.8800, -92.4086

Details

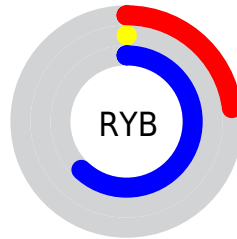
The Hex color **3A009E** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **649E00**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **773DD6**, and **000069** is the 20% darker color. If you saturate the color by 10%, you get **3A009E**, and if you desaturate by 10%, it is **44109E**.

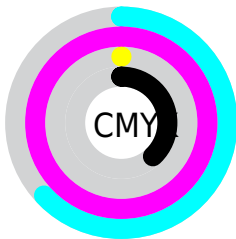
Distribution



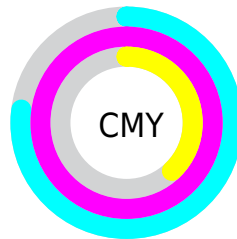
- Red (23%)
- Green (0%)
- Blue (62%)



- Red (23%)
- Yellow (0%)
- Blue (62%)



- Cyan (63%)
- Magenta (100%)
- Yellow (0%)
- Black (38%)



- Cyan (77%)
- Magenta (100%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A009E 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 3A009E by changing the saturation by 10% instead.

 3A009E

 3A009E

 FFFDFF

 0F0083

 773DD6

 000069

 9557F3

 000050

 B271FF

 000538

 D08CFF

 000221

 EEA7FF

 000007

 FFC3FF

 000000

 FFE0FF

 3A009E

 44109E

 4E209E

 582F9E

 623F9E

 6C4F9E

 765F9E

 806F9E

 8A7E9E

 948E9E

Harmonies

Analogous

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



003BBD



3A009E



890064

Triad

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



3A009E



631A00



004848

Complementary

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



3A009E



649E00

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.



004600



3A009E



2D3800

Square

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



3A009E



890000



004200



004A89

Rectangle

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



3A009E



990038



004200



004831

Sweetspot

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



3A009E



A791CF



00649E



514369



E8E8E8



696969

Same Dimension

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



3A009E



4C00CF



89009E



4A474F



34008F



06000F

Inverse Universe

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



9E0064



CF0083



159E00



4F474C



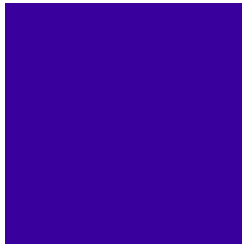
8F005A



0F000A

Previews

White Background



This preview shows how the Hex color 3A009E looks on a white background.

Color Contrast Check

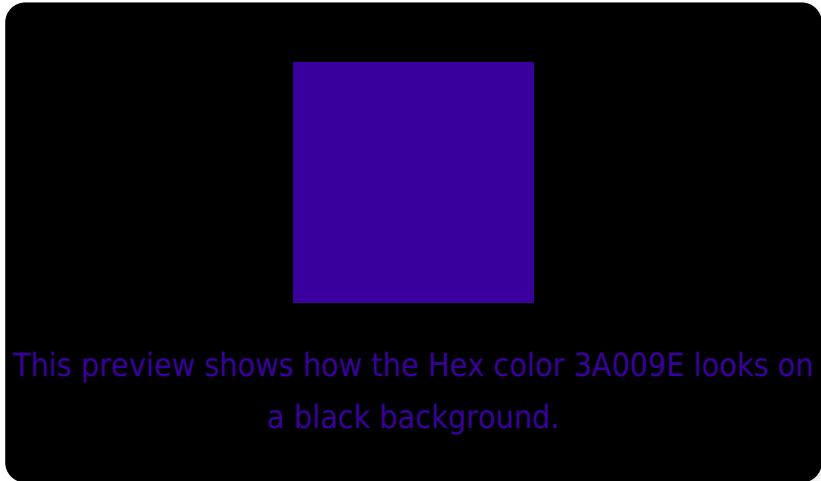
Large Text (above 18pt) WCAG AA ✓ Pass

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

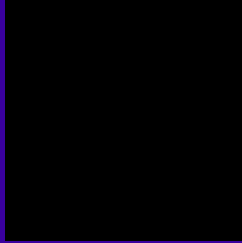
Any Text WCAG AA × Fail

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 3A009E Background



This preview shows how black text looks on a background with the Hex color 3A009E.



This preview shows how white text looks on a background with the Hex color 3A009E.

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
3A009E

Protanopia
00356F

Deuteranopia
00385E



Tritanopia
003D41

Trichromacy



Original Color
3A009E

Protanomaly
152280

Deuteranomaly
152475

Tritanomaly
152763

Monochromacy



Original Color
3A009E

Achromatopsia
232323

Achromatomaly
2B1650

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A009E 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 #3A009E looks like.

```
.text, #text, p{  
    color:#3A009E  
}
```

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 #3A009E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A009E
}
```

Border

The CSS property to change the border of an element to Hex 3A009E is called "border". The border property can be set on classes, ids or directly on the HTML element.

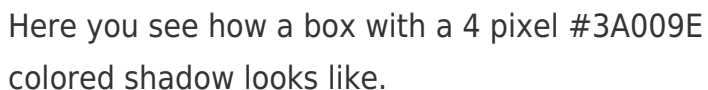
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A009E }
```

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

```
.border{ border-color:#3A009E }
```

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



Here you see how a box with a 4 pixel #3A009E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A009E; -webkit-box-shadow:4px 4px  
4px 4px #3A009E; box-shadow:4px 4px 4px  
4px #3A009E }
```

Background

The CSS property to change the background color of an element to Hex 3A009E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A009E }
```

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

```
.background{ background-color:#3A009E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor