

Converting Colors

Hex(38009C)

Have a look what the booklet for
Hex(38009C) contains.

Hex(38009C)	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>	28

Color

Hex(38009C)

Conversions

Conversions Part 1

Format	Color
Hex	38009C
RGB	56, 0, 156
RGB Percent	22%, 0%, 61%
CMY	0.7804, 1.0000, 0.3882
CMYK	0.64, 1.00, 0.00, 0.39
HSL	262°, 100%, 31%
HSV	262°, 100%, 61%
XYZ	7.6316, 3.2411, 31.6758
YIQ	34.5280, -16.7000, 60.3880

Conversions

Conversions Part 2

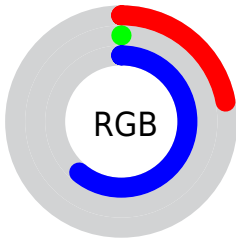
Format	Color
RYB	56, 0, 156
Decimal	3670172
CIELab	20.98, 56.29, -68.75
CIELCh	21, 88.859, 309.308
Yxy	3.2411, 0.1794, 0.0762
Android (android.graphics.Color)	4281860252 (0xFF38009C)
YUV	34.5280, 59.8857, 18.8309
Hunter-Lab	18.0029, 44.1630, -91.7177

Details

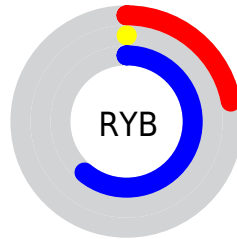
The Hex color **38009C** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **649C00**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **763DD4**, and **000067** is the 20% darker color. If you saturate the color by 10%, you get **38009C**, and if you desaturate by 10%, it is **42109C**.

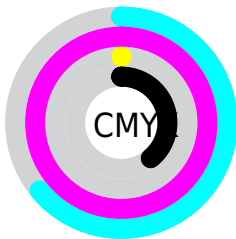
Distribution



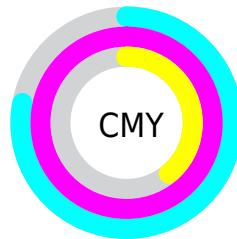
- Red (22%)
- Green (0%)
- Blue (61%)



- Red (22%)
- Yellow (0%)
- Blue (61%)



- Cyan (64%)
- Magenta (100%)
- Yellow (0%)
- Black (39%)



- Cyan (78%)
- Magenta (100%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38009C 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 38009C by changing the saturation by 10% instead.

 38009C

 38009C

 FFFCFF

 0B0081

 763DD4

 000067

 9356F1

 00004E

 B071FF

 000536

 CE8BFF

 000220

 ECA7FF

 000004

 FFC3FF

 000000

 FFDFFF

 38009C

 42109C

 4C1F9C

 562F9C

 603E9C

 6A4E9C

 745E9C

 7E6D9C

 887D9C

 928C9C

Harmonies

Analogous

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



003ABB



38009C



870062

Triad

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



38009C



621900



004746

Complementary

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



38009C



649C00

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.



004500



38009C



2C3700

Square

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



38009C



870000



004100



004887

Rectangle

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



38009C



970038



004100



00462F

Sweetspot

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



38009C



A58FCC



00659C



4E4166



E6E6E6



666666

Same Dimension

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



38009C



4900CC



85009C



4A474F



33008F



05000F

Inverse Universe

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



9C0064



CC0083



179C00



4F474C



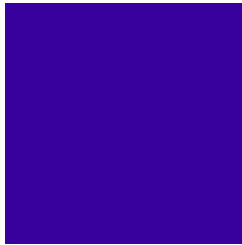
8F005C



0F000A

Previews

White Background



This preview shows how the Hex color 38009C looks on a white background.

Color Contrast Check

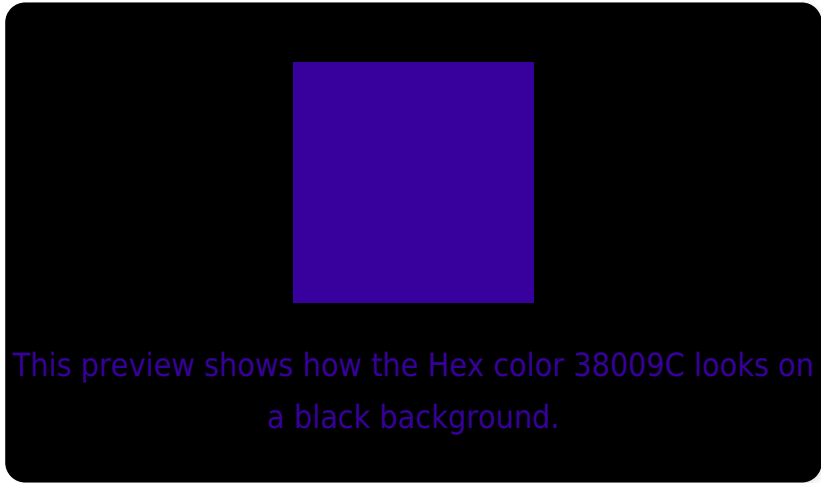
Large Text (above 18pt) WCAG AA ✓ Pass

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

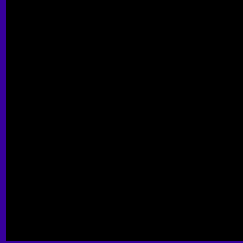
Any Text WCAG AA × Fail

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 38009C Background



This preview shows how black text looks on a background with the Hex color 38009C.



This preview shows how white text looks on a background with the Hex color 38009C.

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
38009C

Protanopia
00346D

Deuteranopia
00375C

Trichromacy



Original Color
38009C

Protanomaly
14217E

Deuteranomaly
142373

Monochromacy



Original Color
38009C

Achromatopsia
232323

Achromatomaly
2B164F

CSS Examples

Text

The CSS property to change the color of the text to Hex 38009C 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 #38009C looks like.

```
.text, #text, p{  
    color:#38009C  
}
```

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 #38009C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38009C
}
```

Border

The CSS property to change the border of an element to Hex 38009C is called "border". The border property can be set on classes, ids or directly on the HTML element.

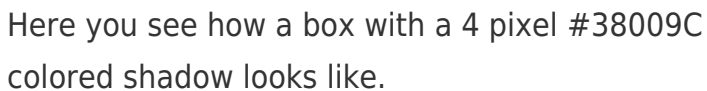
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#38009C }
```

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

```
.border{ border-color:#38009C }
```

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



Here you see how a box with a 4 pixel #38009C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38009C; -webkit-box-shadow:4px 4px  
4px 4px #38009C; box-shadow:4px 4px 4px  
4px #38009C }
```

Background

The CSS property to change the background color of an element to Hex 38009C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38009C }
```

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

```
.background{ background-color:#38009C }
```

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