

Converting Colors

Hex(40038B)

Have a look what the booklet for
Hex(40038B) contains.

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Color

Hex(40038B)

Conversions

Conversions Part 1

Format	Color
Hex	40038B
RGB	64, 3, 139
RGB Percent	25%, 1%, 55%
CMY	0.7490, 0.9882, 0.4549
CMYK	0.54, 0.98, 0.00, 0.45
HSL	267°, 96%, 28%
HSV	267°, 98%, 55%
XYZ	6.8071, 3.0192, 24.6501
YIQ	36.7430, -7.3000, 55.2280

Conversions

Conversions Part 2

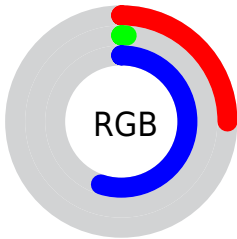
Format	Color
RYB	64, 3, 139
Decimal	4195211
CIELab	20.12, 51.95, -59.62
CIELCh	20, 79.075, 311.068
Yxy	3.0192, 0.1974, 0.0876
Android (android.graphics.Color)	4282385291 (0xFF40038B)
YUV	36.7430, 50.4127, 23.9044
Hunter-Lab	17.3758, 39.5211, -71.9482

Details

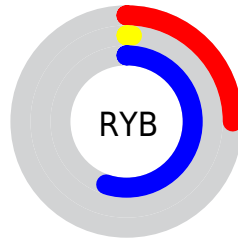
The Hex color **40038B** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **4E8B03**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **793DC2**, and **000058** is the 20% darker color. If you saturate the color by 10%, you get **3E008B**, and if you desaturate by 10%, it is **48118B**.

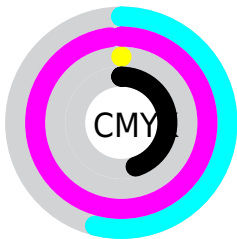
Distribution



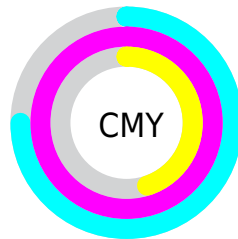
- Red (25%)
- Green (1%)
- Blue (55%)



- Red (25%)
- Yellow (1%)
- Blue (55%)



- Cyan (54%)
- Magenta (98%)
- Yellow (0%)
- Black (45%)



- Cyan (75%)
- Magenta (99%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40038B 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 40038B by changing the saturation by 10% instead.


 40038B

 40038B


 FFFCFF

 200071

 793DC2

 000058


 9657DE

 00003F

 B271FB

 000328

 CF8CFF

 000112

 EDA7FF

 000000

 FFC3FF

 FFDFFF

 40038B

 40038B

■ 3E008B

■ 48118B

■ 4F1F8B

■ 572D8B

■ 5F3B8B

■ 66498B

■ 6E568B

■ 76648B

■ 7D728B

■ 85808B

Harmonies

Analogous

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



0035A8



40038B



7E0058

Triad

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



40038B



591E00



004446

Complementary

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



40038B



4E8B03

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.



004202



40038B



293500

Square

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



40038B



7B0000



003E00



00447E

Rectangle

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



40038B



8B0032



003E00



004331

Sweetspot

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



40038B



9881B5



03508B



4A3C5C



DBDBDB



5C5C5C

Same Dimension

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



40038B



5100B5



82038B



413E45



3B0085



020005

Inverse Universe

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



8B034E



B50064



0C8B03



453E42



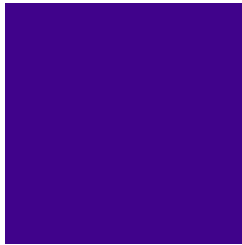
850049



050003

Previews

White Background



This preview shows how the Hex color 40038B looks on a white background.

Color Contrast Check

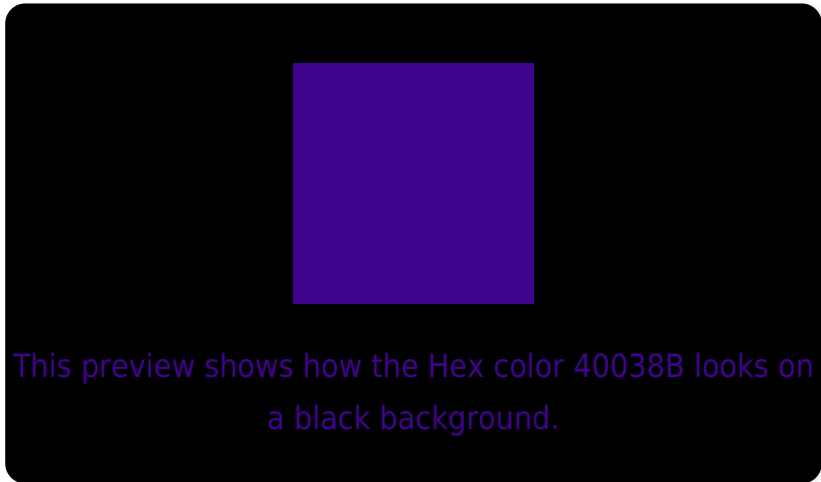
Large Text (above 18pt) WCAG AA ✓ Pass

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

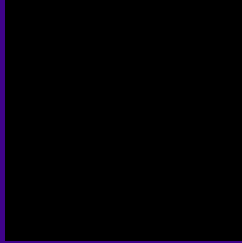
Any Text WCAG AA × Fail

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 40038B Background



This preview shows how black text looks on a background with the Hex color 40038B.



This preview shows how white text looks on a background with the Hex color 40038B.

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](#).

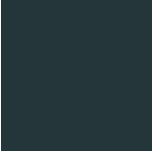
Dichromacy



Original Color
40038B

Protanopia
003268

Deuteranopia
003559



Tritanopia
25363A

Trichromacy



Original Color
40038B

Protanomaly
172175

Deuteranomaly
17236B

Tritanomaly
2F2357

Monochromacy



Original Color
40038B

Achromatopsia
252525

Achromatomaly
2F194A

CSS Examples

Text

The CSS property to change the color of the text to Hex 40038B 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 #40038B looks like.

```
.text, #text, p{  
    color:#40038B  
}
```

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 #40038B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40038B
}
```

Border

The CSS property to change the border of an element to Hex 40038B is called "border". The border property can be set on classes, ids or directly on the HTML element.

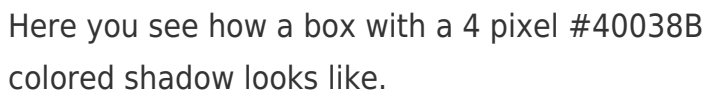
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40038B }
```

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

```
.border{ border-color:#40038B }
```

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



Here you see how a box with a 4 pixel #40038B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40038B; -webkit-box-shadow:4px 4px  
4px 4px #40038B; box-shadow:4px 4px 4px  
4px #40038B }
```

Background

The CSS property to change the background color of an element to Hex 40038B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40038B }
```

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

```
.background{ background-color:#40038B }
```

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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