

Converting Colors

Hex(38002A)

Have a look what the booklet for
Hex(38002A) contains.

Hex(38002A)	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(38002A)

Conversions

Conversions Part 1

Format	Color
Hex	38002A
RGB	56, 0, 42
RGB Percent	22%, 0%, 16%
CMY	0.7804, 1.0000, 0.8353
CMYK	0.00, 1.00, 0.25, 0.78
HSL	315°, 100%, 11%
HSV	315°, 100%, 22%
XYZ	2.0488, 1.0079, 2.2771
YIQ	21.5320, 19.8940, 24.9340

Conversions

Conversions Part 2

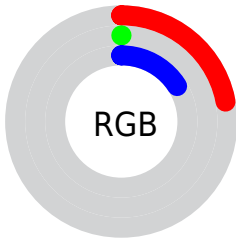
Format	Color
R_{YB}	56, 0, 42
Decimal	3670058
CIE Lab	9.06, 31.15, -11.90
CIE LCh	9, 33.343, 339.090
Yxy	1.0079, 0.3841, 0.1890
Android (android.graphics.Color)	4281860138 (0xFF38002A)
YUV	21.5320, 10.0907, 30.2284
Hunter-Lab	10.0395, 18.8580, -6.4198

Details

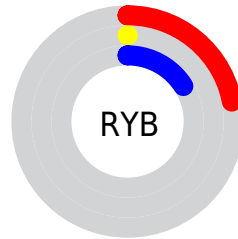
The Hex color **38002A** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **00380E**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **6A3057**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **38002A**, and if you desaturate by 10%, it is **38062B**.

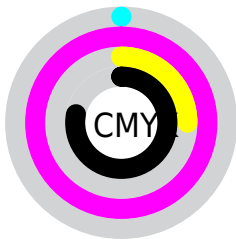
Distribution



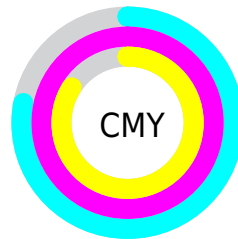
- Red (22%)
- Green (0%)
- Blue (16%)



- Red (22%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (25%)
- Black (78%)



- Cyan (78%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38002A 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 38002A by changing the saturation by 10% instead.

 38002A

 38002A

 FFE8FF

 240016

 6A3057

 000000

 844870

 9F6189

 BA7AA4

 D695BF

 F3B0DB

 FFCBF7

 38002A

■ 38062B

■ 380B2D

■ 38112E

■ 381630

■ 381C31

■ 382232

■ 382734

■ 382D35

■ 383237

Harmonies

Analogous

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



210F3D



38002A



3F0014

Triad

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



38002A



1B1B00



002435

Complementary

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



38002A



00380E

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.



002520



38002A



002000

Square

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



38002A



2E1200



002303



002044

Rectangle

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



38002A



3E0000



002303



00242F

Sweetspot

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



38002A



4A3444



0E0038



261823



A6A6A6



262626

Same Dimension

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



38002A



4A0037



38000E



1C191B



5C0045



DB00A4

Inverse Universe

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



38002A



4A0037



00382A



1C191B



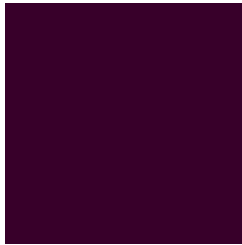
5C0045



DB00A4

Previews

White Background



This preview shows how the Hex color 38002A looks on a white background.

Color Contrast Check

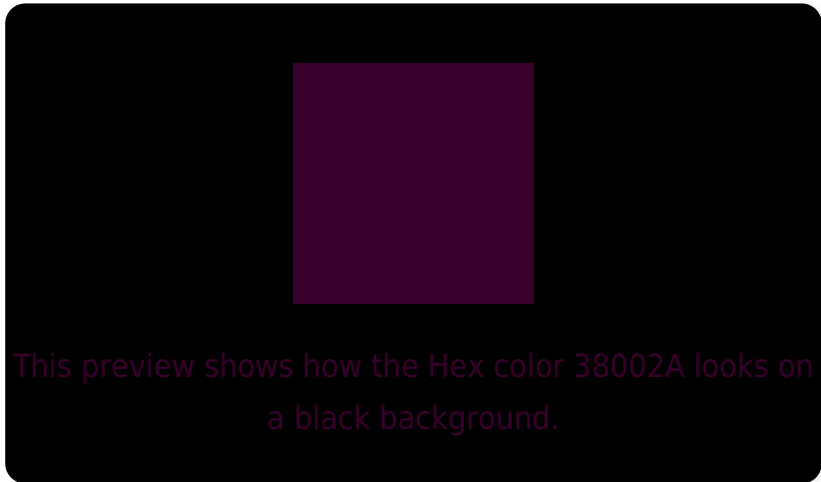
Large Text (above 18pt) WCAG AA ✓ Pass

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

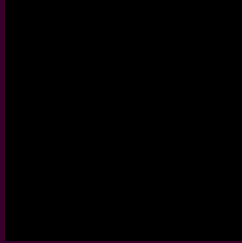
Any Text WCAG AA × Fail

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 38002A Background



This preview shows how black text looks on a background with the Hex color 38002A.



This preview shows how white text looks on a background with the Hex color 38002A.

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
38002A

Protanopia
0C1D3C

Deuteranopia
1D1E27



Tritanopia
361111

Trichromacy



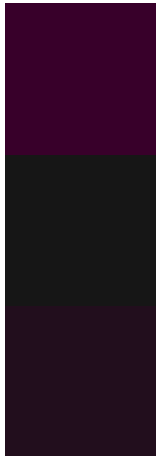
Original Color
38002A

Protanomaly
1C1235

Deuteranomaly
271328

Tritanomaly
370B1A

Monochromacy



Original Color
38002A

Achromatopsia
161616

Achromatomaly
220E1D

CSS Examples

Text

The CSS property to change the color of the text to Hex 38002A 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 #38002A looks like.

```
.text, #text, p{  
    color:#38002A  
}
```

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 #38002A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38002A
}
```

Border

The CSS property to change the border of an element to Hex 38002A is called "border". The border property can be set on classes, ids or directly on the HTML element.

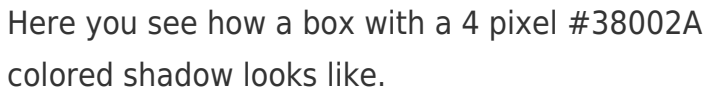
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#38002A }
```

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

```
.border{ border-color:#38002A }
```

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



Here you see how a box with a 4 pixel #38002A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38002A; -webkit-box-shadow:4px 4px  
4px 4px #38002A; box-shadow:4px 4px 4px  
4px #38002A }
```

Background

The CSS property to change the background color of an element to Hex 38002A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38002A }
```

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

```
.background{ background-color:#38002A }
```

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