

Converting Colors

Hex(A3002C)

Have a look what the booklet for
Hex(A3002C) contains.

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Color

Hex(A3002C)

Conversions

Conversions Part 1

Format	Color
Hex	A3002C
RGB	163, 0, 44
RGB Percent	64%, 0%, 17%
CMY	0.3608, 1.0000, 0.8275
CMYK	0.00, 1.00, 0.73, 0.36
HSL	344°, 100%, 32%
HSV	344°, 100%, 64%
XYZ	15.5589, 7.9684, 3.1009
YIQ	53.7530, 83.0240, 48.2400

Conversions

Conversions Part 2

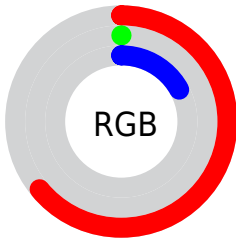
Format	Color
RYB	163, 0, 44
Decimal	10682412
CIELab	33.92, 58.36, 24.99
CIElCh	34, 63.482, 23.180
Yxy	7.9684, 0.5843, 0.2992
Android (android.graphics.Color)	4288872492 (0xFFA3002C)
YUV	53.7530, -4.8082, 95.8096
Hunter-Lab	28.2283, 48.9860, 13.2468

Details

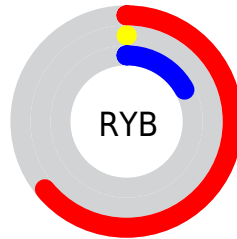
The Hex color **A3002C** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00A377**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **E14C59**, and **670000** is the 20% darker color. If you saturate the color by 10%, you get **A3002C**, and if you desaturate by 10%, it is **A31038**.

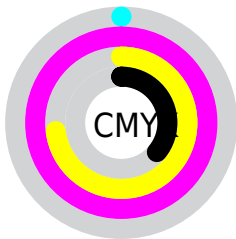
Distribution



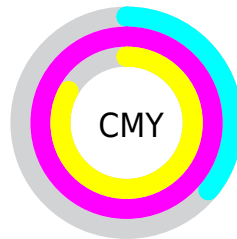
- Red (64%)
- Green (0%)
- Blue (17%)



- Red (64%)
- Yellow (0%)
- Blue (17%)



- Cyan (0%)
- Magenta (100%)
- Yellow (73%)
- Black (36%)



- Cyan (36%)
- Magenta (100%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color A3002C 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 A3002C by changing the saturation by 10% instead.

 A3002C

 A3002C

FFFFFF

 850018

 E14C59

 670000

 FF6972

 490001

 FF858B

 2C0001

 FFA1A6

 000000

 FFBDC1

 FFDADC

 FFF8F9

 A3002C

 A31038

 A32144

 A33150

 A3415C

 A35267

 A36273

 A3727F

 A3828B

 A39397

Harmonies

Analogous

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



A0005E



A3002C



8F3000

Triad

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



A3002C



006005



005AB5

Complementary

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



A3002C



00A377

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.



0062A1



A3002C



006442

Square

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



A3002C



3D5900



006576



2048AE

Rectangle

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



A3002C



794300



006576



005EB1

Sweetspot

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



A3002C



D494A5



7500A3



6B454F



EBEBEB



6B6B6B

Same Dimension

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



A3002C



D40039



A32300



52494C



910027



120005

Inverse Universe

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



A3002C



D40039



0080A3



52494C



910027



120005

Previews

White Background



This preview shows how the Hex color A3002C looks on a white background.

Color Contrast Check

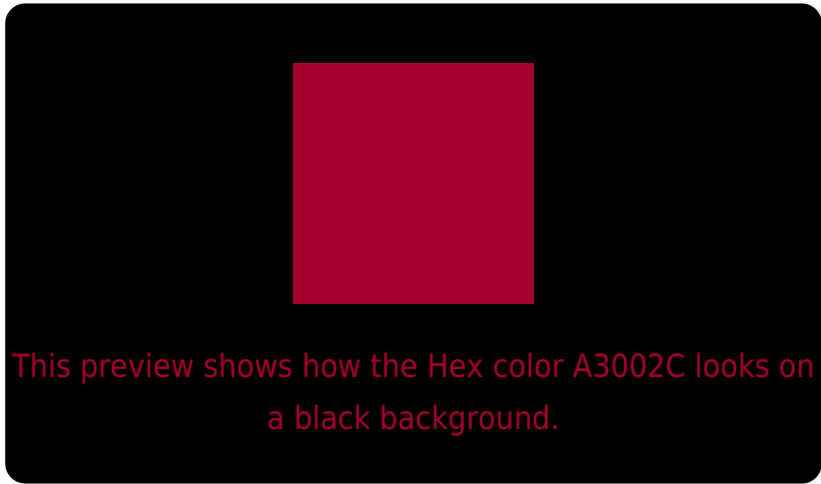
Large Text (above 18pt) WCAG AA ✓ Pass

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 A3002C Background



This preview shows how black text looks on a background with the Hex color A3002C.



This preview shows how white text looks on a background with the Hex color A3002C.

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
A3002C

Protanopia
585342

Deuteranopia
674F23

Trichromacy



Original Color
A3002C

Protanomaly
73353A

Deuteranomaly
7D3226

Tritanomaly
A20B18

Monochromacy



Original Color
A3002C

Achromatopsia
363636

Achromatomaly
5E2232

CSS Examples

Text

The CSS property to change the color of the text to Hex A3002C 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 #A3002C looks like.

```
.text, #text, p{  
    color:#A3002C  
}
```

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 #A3002C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3002C
}
```

Border

The CSS property to change the border of an element to Hex A3002C is called "border". The border property can be set on classes, ids or directly on the HTML element.

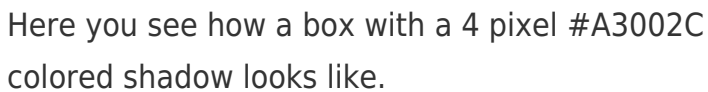
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A3002C }
```

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

```
.border{ border-color:#A3002C }
```

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



Here you see how a box with a 4 pixel `#A3002C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3002C; -webkit-box-shadow:4px 4px  
4px 4px #A3002C; box-shadow:4px 4px 4px  
4px #A3002C }
```

Background

The CSS property to change the background color of an element to Hex A3002C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3002C }
```

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

```
.background{ background-color:#A3002C }
```

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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