

Converting Colors

Hex(A3002B)

Have a look what the booklet for
Hex(A3002B) contains.

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Color

Hex(A3002B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A3002B |
| RGB | 163, 0, 43 |
| RGB Percent | 64%, 0%, 17% |
| CMY | 0.3608, 1.0000, 0.8314 |
| CMYK | 0.00, 1.00, 0.74, 0.36 |
| HSL | 344°, 100%, 32% |
| HSV | 344°, 100%, 64% |
| XYZ | 15.5403, 7.9609, 3.0031 |
| YIQ | 53.6390, 83.3450, 47.9290 |

Conversions

Conversions Part 2

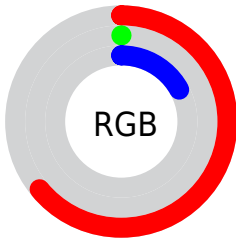
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 163, 0, 43 |
| Decimal | 10682411 |
| CIE _{Lab} | 33.90, 58.32, 25.61 |
| CIE _{LCh} | 34, 63.691, 23.709 |
| Yxy | 7.9609, 0.5863, 0.3004 |
| Android (android.graphics.Color) | 4288872491 (0xFFA3002B) |
| YUV | 53.6390, -5.2450, 95.9096 |
| Hunter-Lab | 28.2152, 48.9375, 13.4401 |

Details

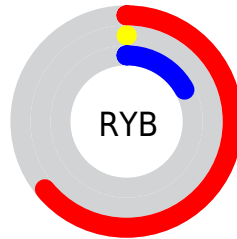
The Hex color **A3002B** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00A378**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **E14C58**, and **670000** is the 20% darker color. If you saturate the color by 10%, you get **A3002B**, and if you desaturate by 10%, it is **A31037**.

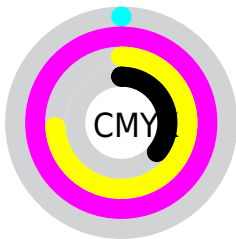
Distribution



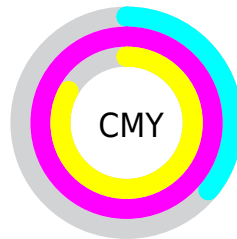
- Red (64%)
- Green (0%)
- Blue (17%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (74%)
- Black (36%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color A3002B 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 A3002B by changing the saturation by 10% instead.

 A3002B

 A3002B

FFFFFF

 850017

 E14C58

 670000

 FF6871

 490001

 FF848A

 2C0001

 FFA1A4

 000000

 FFBDBF

 FFDADB

 FFF8F8

 A3002B

 A31037

 A32143

 A3314F

 A3415B

 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.



A1005D



A3002B



8F3100

Triad

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



A3002B



006006



005AB6

Complementary

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



A3002B



00A378

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.



0062A2



A3002B



006443

Square

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



A3002B



3C5900



006577



2347AE

Rectangle

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



A3002B



784300



006577



005EB2

Sweetspot

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



A3002B



D494A5



7800A3



6B454F



EBEBEB



6B6B6B

Same Dimension

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



A3002B



D40038



A32600



52494C



910026



120005

Inverse Universe

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



A3002B



D40038



007DA3



52494C



910026



120005

Previews

White Background



This preview shows how the Hex color A3002B looks on a white background.

Color Contrast Check

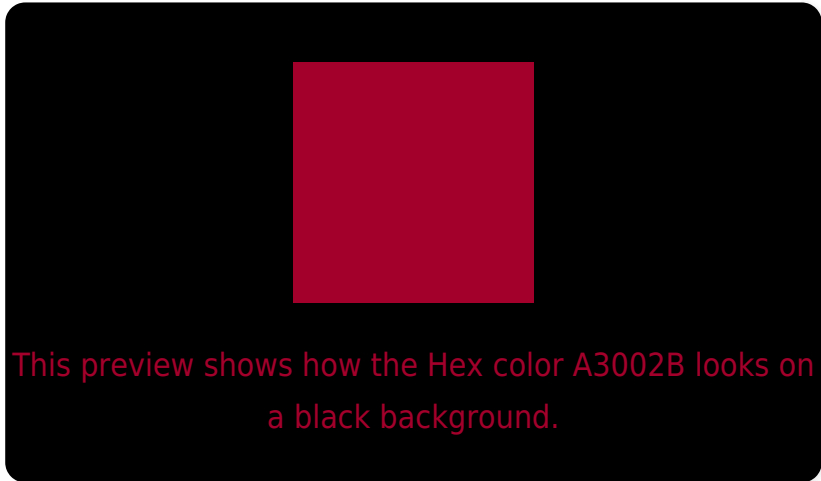
Large Text (above 18pt) WCAG AA ✓ Pass

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 A3002B Background



This preview shows how black text looks on a background with the Hex color A3002B.



This preview shows how white text looks on a background with the Hex color A3002B.

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

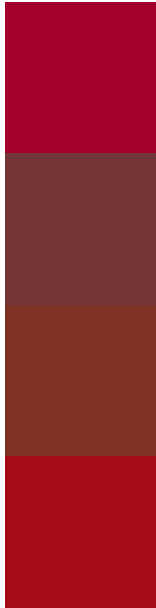


Original Color
A3002B

Protanopia
585340

Deuteranopia
674F22

Trichromacy



Original Color
A3002B

Protanomaly
733538

Deuteranomaly
7D3225

Tritanomaly
A20B17

Monochromacy



Original Color
A3002B

Achromatopsia
363636

Achromatomaly
5E2232

CSS Examples

Text

The CSS property to change the color of the text to Hex A3002B 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 #A3002B looks like.

```
.text, #text, p{  
    color:#A3002B  
}
```

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 #A3002B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3002B
}
```

Border

The CSS property to change the border of an element to Hex A3002B is called "border". The border property can be set on classes, ids or directly on the HTML element.

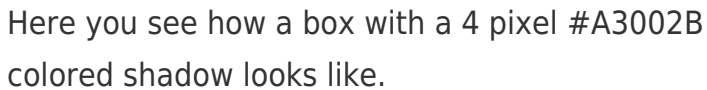
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A3002B }
```

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

```
.border{ border-color:#A3002B }
```

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



Here you see how a box with a 4 pixel #A3002B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3002B; -webkit-box-shadow:4px 4px  
4px 4px #A3002B; box-shadow:4px 4px 4px  
4px #A3002B }
```

Background

The CSS property to change the background color of an element to Hex A3002B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3002B }
```

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

```
.background{ background-color:#A3002B }
```

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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