

Converting Colors

Hex(A2002B)

Have a look what the booklet for
Hex(A2002B) contains.

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Color

Hex(A2002B)

Conversions

Conversions Part 1

Format	Color
Hex	A2002B
RGB	162, 0, 43
RGB Percent	64%, 0%, 17%
CMY	0.3647, 1.0000, 0.8314
CMYK	0.00, 1.00, 0.73, 0.36
HSL	344°, 100%, 32%
HSV	344°, 100%, 64%
XYZ	15.3363, 7.8558, 2.9935
YIQ	53.3400, 82.7490, 47.7170

Conversions

Conversions Part 2

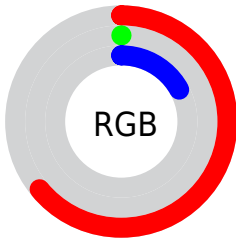
Format	Color
RYB	162, 0, 43
Decimal	10616875
CIELab	33.68, 58.06, 25.29
CIELCh	34, 63.335, 23.538
Yxy	7.8558, 0.5857, 0.3000
Android (android.graphics.Color)	4288806955 (0xFFA2002B)
YUV	53.3400, -5.0976, 95.2948
Hunter-Lab	28.0282, 48.6214, 13.2874

Details

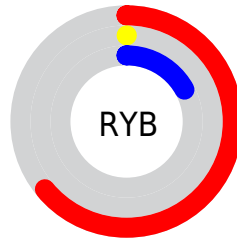
The Hex color **A2002B** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00A277**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **E04C58**, and **660000** is the 20% darker color. If you saturate the color by 10%, you get **A2002B**, and if you desaturate by 10%, it is **A21037**.

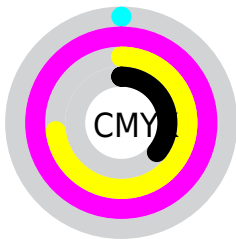
Distribution



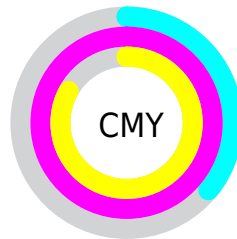
- Red (64%)
- Green (0%)
- Blue (17%)



- 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 A2002B 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 A2002B by changing the saturation by 10% instead.

 A2002B

 A2002B

FFFFFF

 840017

 E04C58

 660000

 FF6871

 480001

 FF848A

 2B0001

 FFA0A4

 000000

 FFBDBF

 FFDADB

 FFF7F8

 A2002B

 A21037

 A22043

 A2314F

 A2415B

 A25166

 A26172

 A2717E

 A2828A

 A29296

Harmonies

Analogous

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



A0005C



A2002B



8E3000

Triad

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



A2002B



006006



0059B5

Complementary

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



A2002B



00A277

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.



0062A0



A2002B



006342

Square

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



A2002B



3C5800



006476



2247AD

Rectangle

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



A2002B



784200



006476



005DB1

Sweetspot

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



A2002B



D494A5



7700A2



6B454F



EBEBEB



6B6B6B

Same Dimension

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



A2002B



D40038



A22600



52494C



910027



120005

Inverse Universe

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



A2002B



D40038



007CA2



52494C



910027



120005

Previews

White Background



This preview shows how the Hex color A2002B looks on a white background.

Color Contrast Check

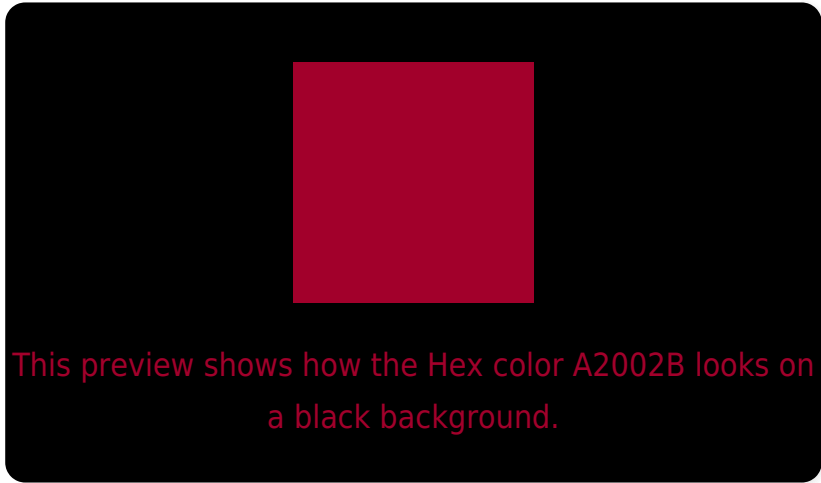
Large Text (above 18pt) WCAG AA ✓ Pass

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 A2002B Background



This preview shows how black text looks on a background with the Hex color A2002B.



This preview shows how white text looks on a background with the Hex color A2002B.

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

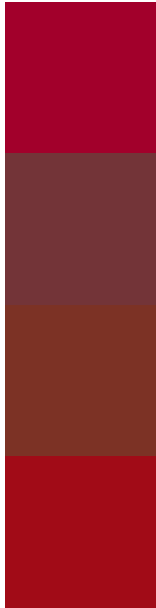


Original Color
A2002B

Protanopia
585240

Deuteranopia
664E22

Trichromacy



Original Color
A2002B

Protanomaly
733438

Deuteranomaly
7C3225

Tritanomaly
A10B17

Monochromacy



Original Color
A2002B

Achromatopsia
353535

Achromatomaly
5D2231

CSS Examples

Text

The CSS property to change the color of the text to Hex A2002B 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 #A2002B looks like.

```
.text, #text, p{  
    color:#A2002B  
}
```

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 #A2002B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2002B
}
```

Border

The CSS property to change the border of an element to Hex A2002B is called "border". The border property can be set on classes, ids or directly on the HTML element.

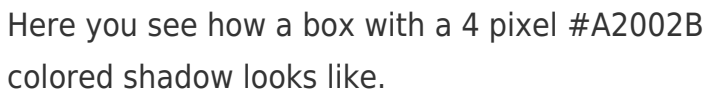
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A2002B }
```

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

```
.border{ border-color:#A2002B }
```

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



Here you see how a box with a 4 pixel `#A2002B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2002B; -webkit-box-shadow:4px 4px  
4px 4px #A2002B; box-shadow:4px 4px 4px  
4px #A2002B }
```

Background

The CSS property to change the background color of an element to Hex A2002B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2002B }
```

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

```
.background{ background-color:#A2002B }
```

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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