

Converting Colors

Hex(A3001D)

Have a look what the booklet for
Hex(A3001D) contains.

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Color

Hex(A3001D)

Conversions

Conversions Part 1

Format	Color
Hex	A3001D
RGB	163, 0, 29
RGB Percent	64%, 0%, 11%
CMY	0.3608, 1.0000, 0.8863
CMYK	0.00, 1.00, 0.82, 0.36
HSL	349°, 100%, 32%
HSV	349°, 100%, 64%
XYZ	15.3260, 7.8752, 1.8747
YIQ	52.0430, 87.8390, 43.5750

Conversions

Conversions Part 2

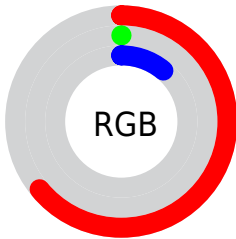
Format	Color
RYB	163, 0, 29
Decimal	10682397
CIELab	33.72, 57.83, 34.08
CIELCh	34, 67.124, 30.515
Yxy	7.8752, 0.6112, 0.3141
Android (android.graphics.Color)	4288872477 (0xFFA3001D)
YUV	52.0430, -11.3602, 97.3093
Hunter-Lab	28.0629, 48.3746, 15.6832

Details

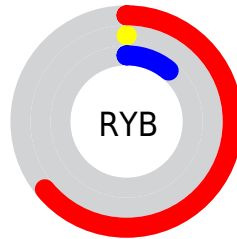
The Hex color **A3001D** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00A386**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **E24C49**, and **660000** is the 20% darker color. If you saturate the color by 10%, you get **A3001D**, and if you desaturate by 10%, it is **A3102A**.

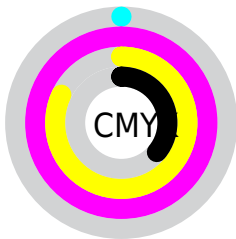
Distribution



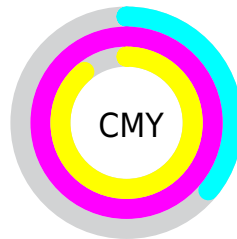
- Red (64%)
- Green (0%)
- Blue (11%)



- Red (64%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (82%)
- Black (36%)



- Cyan (36%)
- Magenta (100%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color A3001D 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 A3001D by changing the saturation by 10% instead.

 A3001D

 A3001D

FFFFFF

 840006

 E24C49

 660000

 FF6861

 480001

 FF847A

 2B0001

 FFA094

 000000

 FFBDAF

 FFDACA

 FFF7E6

 A3001D

 A3102A

 A32138

 A33145

 A34153

 A35260

 A3626D

 A3727B

 A38288

 A39396

Harmonies

Analogous

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



A70051



A3001D



893500

Triad

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



A3001D



006113



0057BC

Complementary

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



A3001D



00A386

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.



0061AD



A3001D



00644F

Square

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



A3001D



2A5B00



006585



4340AD

Rectangle

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



A3001D



704700



006585



005BBA

Sweetspot

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



A3001D



D4949F



8500A3



6B454B



EBEBEB



6B6B6B

Same Dimension

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



A3001D



D40026



A33400



52494B



91001A



120003

Inverse Universe

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



A3001D



D40026



006FA3



52494B



91001A



120003

Previews

White Background



This preview shows how the Hex color A3001D looks on a white background.

Color Contrast Check

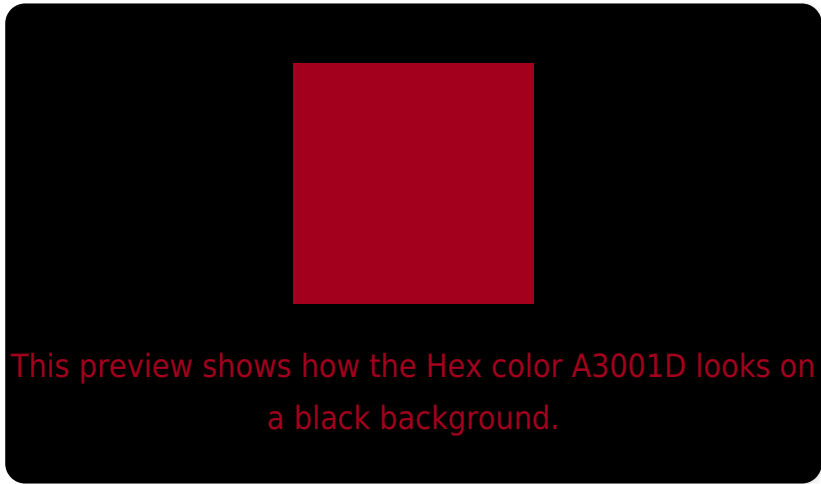
Large Text (above 18pt) WCAG AA ✓ Pass

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 A3001D Background



This preview shows how black text looks on a background with the Hex color A3001D.



This preview shows how white text looks on a background with the Hex color A3001D.

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
A3001D

Protanopia
5B532E

Deuteranopia
684E0E



Tritanopia
A20E00

Trichromacy



Original Color
A3001D

Protanomaly
753528

Deuteranomaly
7D3213

Tritanomaly
A2090B

Monochromacy



Original Color
A3001D

Achromatopsia
343434

Achromatomaly
5C212C

CSS Examples

Text

The CSS property to change the color of the text to Hex A3001D 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 #A3001D looks like.

```
.text, #text, p{  
    color:#A3001D  
}
```

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 #A3001D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3001D
}
```

Border

The CSS property to change the border of an element to Hex A3001D is called "border". The border property can be set on classes, ids or directly on the HTML element.

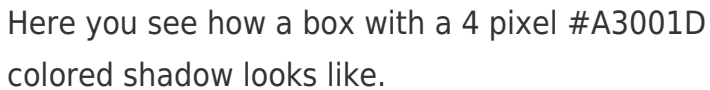
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A3001D }
```

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

```
.border{ border-color:#A3001D }
```

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



Here you see how a box with a 4 pixel `#A3001D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3001D; -webkit-box-shadow:4px 4px  
4px 4px #A3001D; box-shadow:4px 4px 4px  
4px #A3001D }
```

Background

The CSS property to change the background color of an element to Hex A3001D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3001D }
```

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

```
.background{ background-color:#A3001D }
```

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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