

Converting Colors

Hex(A4003D)

Have a look what the booklet for
Hex(A4003D) contains.

Hex(A4003D)	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(A4003D)

Conversions

Conversions Part 1

Format	Color
Hex	A4003D
RGB	164, 0, 61
RGB Percent	64%, 0%, 24%
CMY	0.3569, 1.0000, 0.7608
CMYK	0.00, 1.00, 0.63, 0.36
HSL	338°, 100%, 32%
HSV	338°, 100%, 64%
XYZ	16.1521, 8.2294, 5.1520
YIQ	55.9900, 78.1630, 53.7390

Conversions

Conversions Part 2

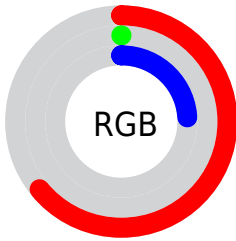
Format	Color
RYB	164, 0, 61
Decimal	10747965
CIELab	34.46, 59.47, 14.66
CIELCh	34, 61.245, 13.844
Yxy	8.2294, 0.5469, 0.2786
Android (android.graphics.Color)	4288938045 (0xFFA4003D)
YUV	55.9900, 2.4699, 94.7248
Hunter-Lab	28.6870, 50.3018, 9.4328

Details

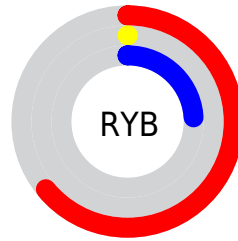
The Hex color **A4003D** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00A467**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **E14D6C**, and **680014** is the 20% darker color. If you saturate the color by 10%, you get **A4003D**, and if you desaturate by 10%, it is **A41047**.

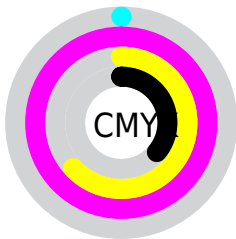
Distribution



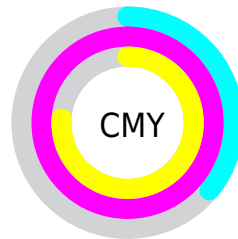
- Red (64%)
- Green (0%)
- Blue (24%)



- Red (64%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (63%)
- Black (36%)



- Cyan (36%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color A4003D 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 A4003D by changing the saturation by 10% instead.

 A4003D

 A4003D

FFFFFF

 860028

 E14D6C

 680014

 FF6985

 4C0001

 FF869F

 2F0002

 FFA2BA

 000000

 FFBFD6

 FFDCE2

 FFF9FF

 A4003D

 A41047

 A42152

 A4315C

 A44266

 A45271

 A4627B

 A47385

 A4838F

 A4949A

Harmonies

Analogous

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



99106D



A4003D



972A0C

Triad

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



A4003D



015F00



005EB0

Complementary

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



A4003D



00A467

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.



006494



A4003D



006434

Square

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



A4003D



4F5600



006567



0050B1

Rectangle

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



A4003D



843D00



006567



0061A9

Sweetspot

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



A4003D



D696AE



6500A4



6B4553



EBEBEB



6B6B6B

Same Dimension

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



A4003D



D60050



A41300



52494C



910036



120007

Inverse Universe

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



A4003D



D60050



0091A4



52494C



910036



120007

Previews

White Background



This preview shows how the Hex color A4003D looks on a white background.

Color Contrast Check

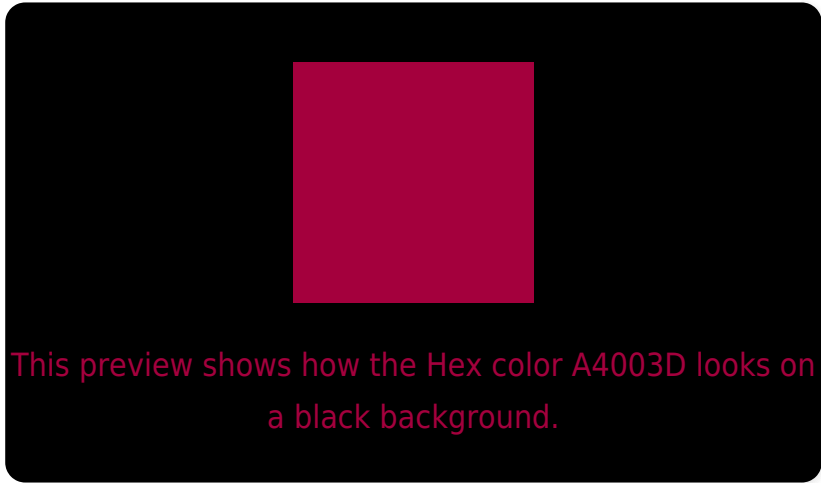
Large Text (above 18pt) WCAG AA ✓ Pass

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 A4003D Background



This preview shows how black text looks on a background with the Hex color A4003D.

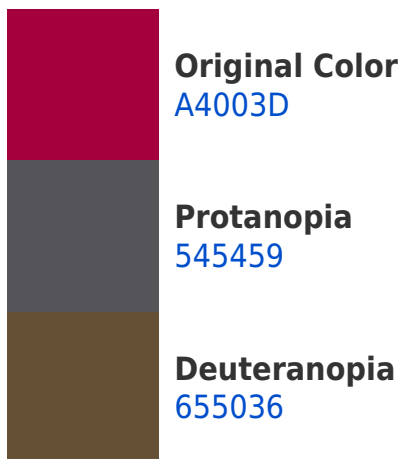


This preview shows how white text looks on a background with the Hex color A4003D.

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](#).

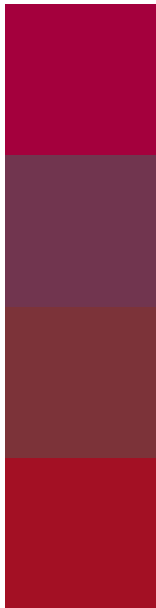
Dichromacy





Tritanopia
A31916

Trichromacy



Original Color
A4003D

Protanomaly
71354F

Deuteranomaly
7C3339

Tritanomaly
A31024

Monochromacy



Original Color
A4003D

Achromatopsia
383838

Achromatomaly
5F243A

CSS Examples

Text

The CSS property to change the color of the text to Hex A4003D 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 #A4003D looks like.

```
.text, #text, p{  
    color:#A4003D  
}
```

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 #A4003D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4003D
}
```

Border

The CSS property to change the border of an element to Hex A4003D 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".

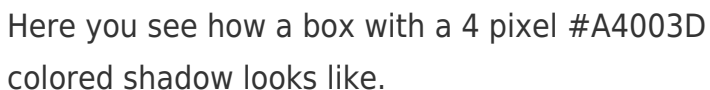
```
.border, #border, table{ border:4px solid
#A4003D }
```

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

```
.border{ border-color:#A4003D }
```

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

Here you see how a box with a 4 pixel #A4003D colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4003D; -webkit-box-shadow:4px 4px  
4px 4px #A4003D; box-shadow:4px 4px 4px  
4px #A4003D }
```

Background

The CSS property to change the background color of an element to Hex A4003D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4003D }
```

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

```
.background{ background-color:#A4003D }
```

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