

Converting Colors

Hex(A40003)

Have a look what the booklet for
Hex(A40003) contains.

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Color

Hex(A40003)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | A40003 |
| RGB | 164, 0, 3 |
| RGB Percent | 64%, 0%, 1% |
| CMY | 0.3569, 1.0000, 0.9882 |
| CMYK | 0.00, 1.00, 0.98, 0.36 |
| HSL | 359°, 100%, 32% |
| HSV | 359°, 100%, 64% |
| XYZ | 15.3263, 7.8991, 0.8030 |
| YIQ | 49.3780, 96.7810, 35.7010 |

Conversions

Conversions Part 2

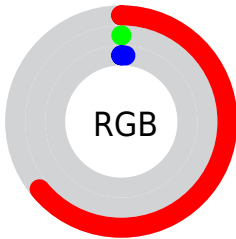
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 164, 0, 3 |
| Decimal | 10747907 |
| CIELab | 33.77, 57.61, 46.74 |
| CIELCh | 34, 74.189, 39.052 |
| Yxy | 7.8991, 0.6378, 0.3287 |
| Android (android.graphics.Color) | 4288937987 (0xFFA40003) |
| YUV | 49.3780, -22.8644, 100.5235 |
| Hunter-Lab | 28.1053, 48.1546, 17.9797 |

Details

The Hex color **A40003** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00A4A1**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **E44C32**, and **660000** is the 20% darker color. If you saturate the color by 10%, you get **A40003**, and if you desaturate by 10%, it is **A41013**.

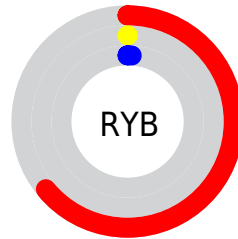
Distribution



Red (64%)

Green (0%)

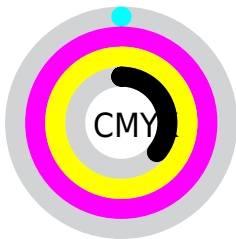
Blue (1%)



Red (64%)

Yellow (0%)

Blue (1%)

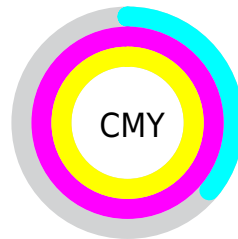


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (36%)



Cyan (36%)

Magenta (100%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color A40003 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 A40003 by changing the saturation by 10% instead.

 A40003

 A40003

 FFFFEA

 850000

 E44C32

 660000

 FF684A

 480001

 FF8463

 2B0001

 FFA07C

 000000

 FFBC96

 FFD9B1

 FFF7CD

 A40003

 A41013

 A42123

 A43133

 A44243

 A45254

 A46264

 A47374

 A48384

 A49494

Harmonies

Analogous

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



B10041



A40003



823C00

Triad

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



A40003



006421



0053C7

Complementary

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



A40003



00A4A1

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.



0061BF



A40003



006661

Square

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



A40003



005F00



006699



6033AD

Rectangle

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



A40003



634D00



006699



0059C8

Sweetspot

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



A40003



D69697



9F00A4



6B4545



EBEBEB



6B6B6B

Same Dimension

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



A40003



D60004



A44D00



52494A



910003



120000

Inverse Universe

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



A40003



D60004



0057A4



52494A



910003



120000

Previews

White Background



This preview shows how the Hex color A40003 looks on a white background.

Color Contrast Check

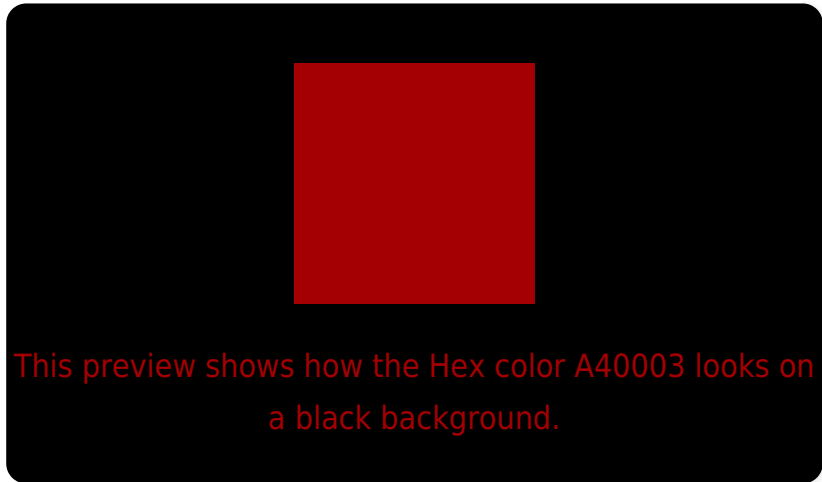
Large Text (above 18pt) WCAG AA ✓ Pass

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 A40003 Background



This preview shows how black text looks on a background with the Hex color A40003.

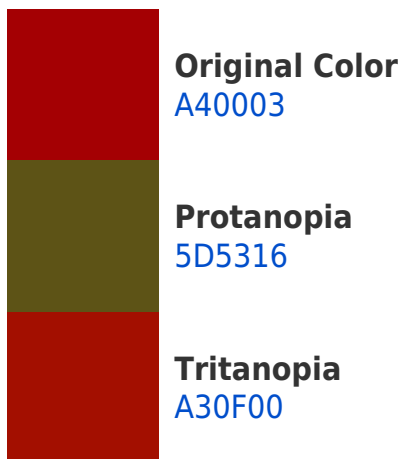


This preview shows how white text looks on a background with the Hex color A40003.

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



Trichromacy

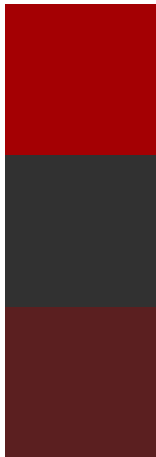


Original Color
A40003

Protanomaly
77350F

Tritanomaly
A30A01

Monochromacy



Original Color
A40003

Achromatopsia
313131

Achromatomaly
5B1F20

CSS Examples

Text

The CSS property to change the color of the text to Hex A40003 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 #A40003 looks like.

```
.text, #text, p{  
    color:#A40003  
}
```

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 #A40003 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A40003
}
```

Border

The CSS property to change the border of an element to Hex A40003 is called "border". The border property can be set on classes, ids or directly on the HTML element.

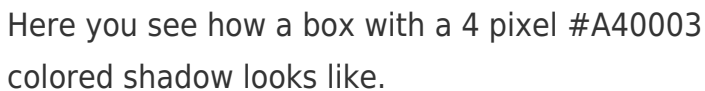
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A40003 }
```

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

```
.border{ border-color:#A40003 }
```

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



Here you see how a box with a 4 pixel `#A40003` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A40003; -webkit-box-shadow:4px 4px  
4px 4px #A40003; box-shadow:4px 4px 4px  
4px #A40003 }
```

Background

The CSS property to change the background color of an element to Hex A40003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A40003 }
```

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

```
.background{ background-color:#A40003 }
```

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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