

Converting Colors

Hex(A5003C)

Have a look what the booklet for
Hex(A5003C) contains.

Hex(A5003C)	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(A5003C)

Conversions

Conversions Part 1

Format	Color
Hex	A5003C
RGB	165, 0, 60
RGB Percent	65%, 0%, 24%
CMY	0.3529, 1.0000, 0.7647
CMYK	0.00, 1.00, 0.64, 0.35
HSL	338°, 100%, 32%
HSV	338°, 100%, 65%
XYZ	16.3327, 8.3256, 5.0211
YIQ	56.1750, 79.0800, 53.6400

Conversions

Conversions Part 2

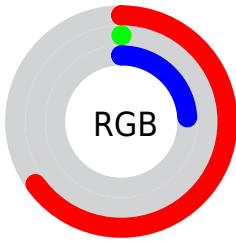
Format	Color
R_{YB}	165, 0, 60
Decimal	10813500
CIE _{Lab}	34.65, 59.65, 15.61
CIE _{LCh}	35, 61.659, 14.665
Yxy	8.3256, 0.5503, 0.2805
Android (android.graphics.Color)	4289003580 (0xFFA5003C)
YUV	56.1750, 1.8857, 95.4395
Hunter-Lab	28.8541, 50.5441, 9.8803

Details

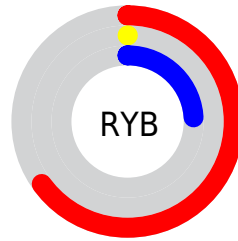
The Hex color **A5003C** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00A569**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **E24D6B**, and **690013** is the 20% darker color. If you saturate the color by 10%, you get **A5003C**, and if you desaturate by 10%, it is **A51046**.

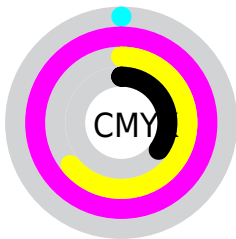
Distribution



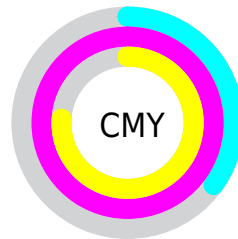
- Red (65%)
- Green (0%)
- Blue (24%)



- Red (65%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (64%)
- Black (35%)



- Cyan (35%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color A5003C 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 A5003C by changing the saturation by 10% instead.

 A5003C

 A5003C

FFFFFF

 870027

 E24D6B

 690013

 FF6A84

 4C0001

 FF869E

 2F0002

 FFA2B9

 000000

 FFbfd4

 FFDCF1

 FFFAFF

 A5003C

 A51046

 A52151

 A5325B

 A54266

 A55270

 A5637B

 A57385

 A58490

 A5949A

Harmonies

Analogous

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



9A0E6D



A5003C



972B0A

Triad

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



A5003C



006000



005FB1

Complementary

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



A5003C



00A569

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.



006596



A5003C



006436

Square

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



A5003C



4F5700



006669



0050B2

Rectangle

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



A5003C



843E00



006669



0061AB

Sweetspot

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



A5003C



D696AD



6900A5



6B4553



EBEBEB



6B6B6B

Same Dimension

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



A5003C



D6004E



A51600



52494C



910035



120006

Inverse Universe

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



A5003C



D6004E



008FA5



52494C



910035



120006

Previews

White Background



This preview shows how the Hex color A5003C looks on a white background.

Color Contrast Check

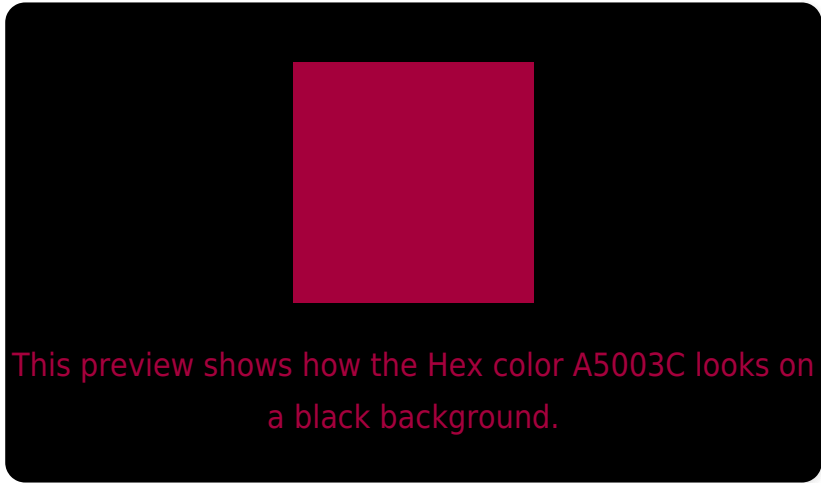
Large Text (above 18pt) WCAG AA ✓ Pass

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 A5003C Background



This preview shows how black text looks on a background with the Hex color A5003C.

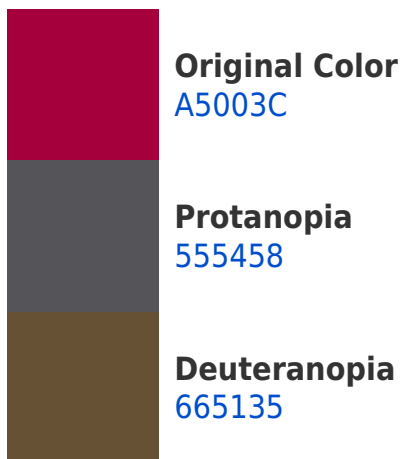



This preview shows how white text looks on a background with the Hex color A5003C.

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](#).

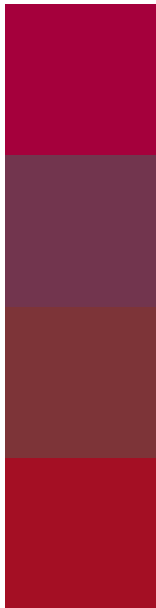
Dichromacy





Tritanopia
A41816

Trichromacy



Original Color
A5003C

Protanomaly
72354E

Deuteranomaly
7D3438

Tritanomaly
A40F24

Monochromacy



Original Color
A5003C

Achromatopsia
383838

Achromatomaly
602439

CSS Examples

Text

The CSS property to change the color of the text to Hex A5003C 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 #A5003C looks like.

```
.text, #text, p{  
    color:#A5003C  
}
```

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 #A5003C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5003C
}
```

Border

The CSS property to change the border of an element to Hex A5003C 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".

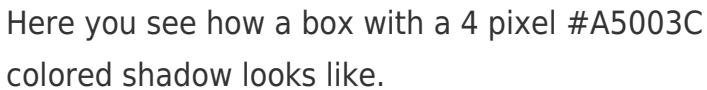
```
.border, #border, table{ border:4px solid
#A5003C }
```

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

```
.border{ border-color:#A5003C }
```

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

Here you see how a box with a 4 pixel #A5003C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5003C; -webkit-box-shadow:4px 4px  
4px 4px #A5003C; box-shadow:4px 4px 4px  
4px #A5003C }
```

Background

The CSS property to change the background color of an element to Hex A5003C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5003C }
```

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

```
.background{ background-color:#A5003C }
```

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