

# Converting Colors

Hex(A60023)

Have a look what the booklet for  
Hex(A60023) contains.

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# Color

**Hex(A60023)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A60023
RGB	166, 0, 35
RGB Percent	65%, 0%, 14%
CMY	0.3490, 1.0000, 0.8627
CMYK	0.00, 1.00, 0.79, 0.35
HSL	347°, 100%, 33%
HSV	347°, 100%, 65%
XYZ	16.0293, 8.2283, 2.3335
YIQ	53.6240, 87.7010, 46.0770

# Conversions

## Conversions Part 2

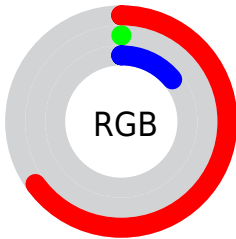
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 0, 35
Decimal	10879011
CIE <sub>Lab</sub>	34.45, 58.77, 31.44
CIE <sub>LCh</sub>	34, 66.651, 28.142
Yxy	8.2283, 0.6028, 0.3094
Android (android.graphics.Color)	4289069091 (0xFFA60023)
YUV	53.6240, -9.1816, 98.5538
Hunter-Lab	28.6851, 49.5471, 15.2564

# Details

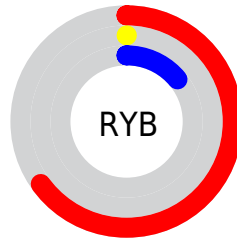
The Hex color **A60023** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **00A683**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **E44D50**, and **690000** is the 20% darker color. If you saturate the color by 10%, you get **A60023**, and if you desaturate by 10%, it is **A61130**.

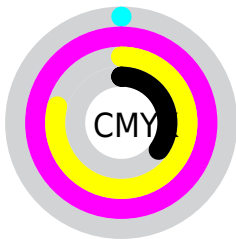
# Distribution



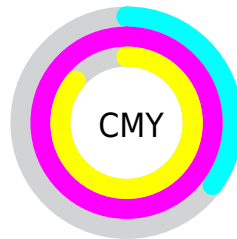
- Red (65%)
- Green (0%)
- Blue (14%)



- Red (65%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (79%)
- Black (35%)



- Cyan (35%)
- Magenta (100%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A60023 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 A60023 by changing the saturation by 10% instead.



 A60023

 A60023

FFFFFF

 87000F

 E44D50

 690000

 FF6968

 4B0001

 FF8581

 2E0002

 FFA19B

 000000

 FFBEB6

 FFDDBD1

 FFF9EE

 A60023

 A61130

 A6213D

 A6324A

 A64257

 A65364

 A66472

 A6747F

 A6858C

 A69599

# Harmonies

## Analogous

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



A80057



A60023



8E3500

# Triad

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



A60023



006310



005ABD

# Complementary

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



A60023



00A683

# 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.



0064AC



A60023



00664C

# Square

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



A60023



325C00



006782



3B44B0

# Rectangle

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



A60023



754700



006782



005EBB



# Sweetspot

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



A60023



D998A5



8200A6



6E464E



EDEDED



6E6E6E



# Same Dimension

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



A60023



D9002E



A62F00



544C4E



94001F



140004



# Inverse Universe

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



A60023



D9002E



0077A6



544C4E



94001F



140004



# Previews

## White Background



This preview shows how the Hex color A60023 looks on a white background.

## Color Contrast Check

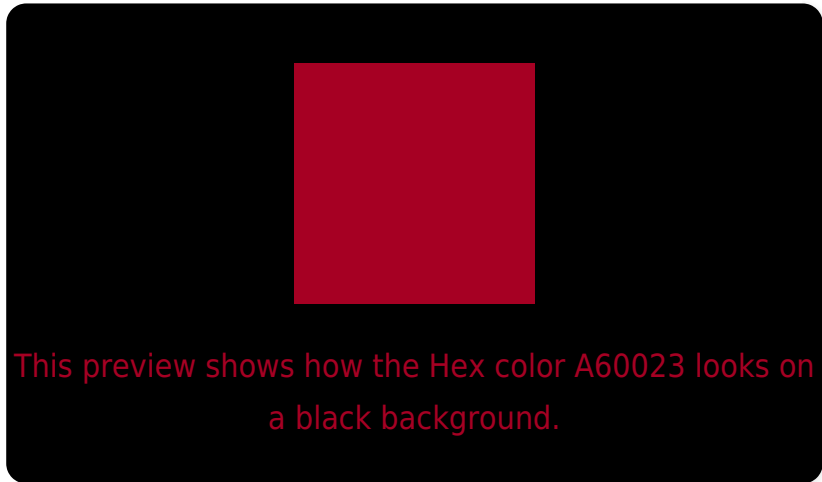
Large Text (above 18pt) WCAG AA ✓ Pass

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 A60023 Background



This preview shows how black text looks on a background with the Hex color A60023.



This preview shows how white text looks on a background with the Hex color A60023.

# 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**  
A60023

**Protanopia**  
5C5436

**Deuteranopia**  
6A5018



# Trichromacy



**Original Color**  
A60023

**Protanomaly**  
77352F

**Deuteranomaly**  
80331C

**Tritanomaly**  
A60A0F

# Monochromacy



**Original Color**  
A60023

**Achromatopsia**  
363636

**Achromatomaly**  
5F222F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A60023 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 #A60023 looks like.

```
.text, #text, p{  
    color:#A60023  
}
```

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 #A60023 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A60023
}
```

## Border

The CSS property to change the border of an element to Hex A60023 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".

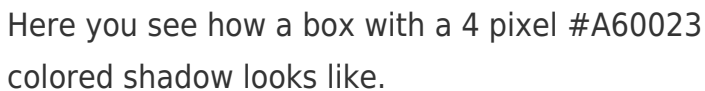
```
.border, #border, table{ border:4px solid
#A60023 }
```

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

```
.border{ border-color:#A60023 }
```

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

Here you see how a box with a 4 pixel #A60023 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A60023; -webkit-box-shadow:4px 4px  
4px 4px #A60023; box-shadow:4px 4px 4px  
4px #A60023 }
```

# Background

The CSS property to change the background color of an element to Hex A60023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A60023 }
```

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

```
.background{ background-color:#A60023 }
```

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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