

# Converting Colors

Hex(A60037)

Have a look what the booklet for  
Hex(A60037) contains.

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**Color**

**Hex(A60037)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A60037
RGB	166, 0, 55
RGB Percent	65%, 0%, 22%
CMY	0.3490, 1.0000, 0.7843
CMYK	0.00, 1.00, 0.67, 0.35
HSL	340°, 100%, 33%
HSV	340°, 100%, 65%
XYZ	16.4155, 8.3828, 4.3673
YIQ	55.9040, 81.2810, 52.2970

# Conversions

## Conversions Part 2

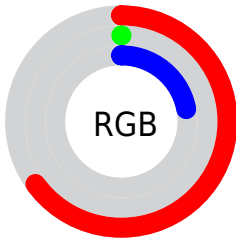
Format	Color
<b>R<sub>YB</sub></b>	166, 0, 55
Decimal	10879031
CIE <sub>Lab</sub>	34.77, 59.62, 19.07
CIE <sub>LCh</sub>	35, 62.595, 17.737
Yxy	8.3828, 0.5628, 0.2874
Android (android.graphics.Color)	4289069111 (0xFFA60037)
YUV	55.9040, -0.4457, 96.5542
Hunter-Lab	28.9531, 50.5358, 11.3239

# Details

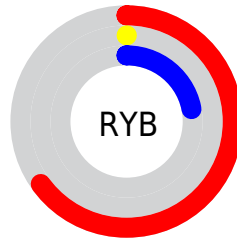
The Hex color **A60037** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00A66F**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **E34D65**, and **6A000D** is the 20% darker color. If you saturate the color by 10%, you get **A60037**, and if you desaturate by 10%, it is **A61142**.

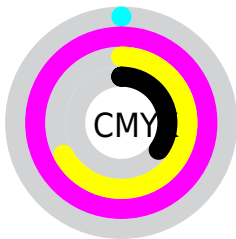
# Distribution



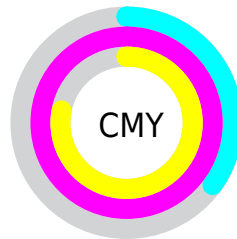
- Red (65%)
- Green (0%)
- Blue (22%)



- Red (65%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (67%)
- Black (35%)



- Cyan (35%)
- Magenta (100%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A60037 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 A60037 by changing the saturation by 10% instead.



 A60037

 A60037

FFFFFF

 880022

 E34D65

 6A000D

 FF6A7E

 4D0001

 FF8698

 300002

 FFA2B3

 000000

 FFBFCE

 FFDCEA

 FFFAFF

 A60037

 A61142

 A6214D

 A63258

 A64263

 A6536E

 A6647A

 A67485

 A68590

 A6959B

# Harmonies

## Analogous

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



9E0468



A60037



962D02

# Triad

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



A60037



006100



005EB5

# Complementary

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



A60037



00A66F

# 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.



00659C



A60037



00653B

# Square

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



A60037



495800



00676F



004EB2

# Rectangle

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



A60037



824100



00676F



0061AF



# Sweetspot

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



A60037



D998AD



6F00A6



6E4653



EDEDED



6E6E6E



# Same Dimension

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



A60037



D90048



A61C00



544C4F



940031



140007



# Inverse Universe

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



A60037



D90048



008AA6



544C4F



940031



140007



# Previews

## White Background



This preview shows how the Hex color A60037 looks on a white background.

## Color Contrast Check

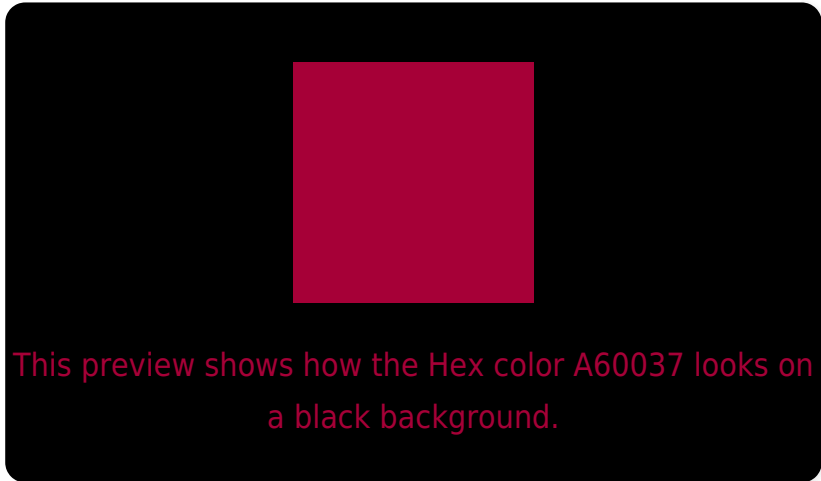
Large Text (above 18pt) WCAG AA ✓ Pass

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 A60037 Background



This preview shows how black text looks on a background with the Hex color A60037.

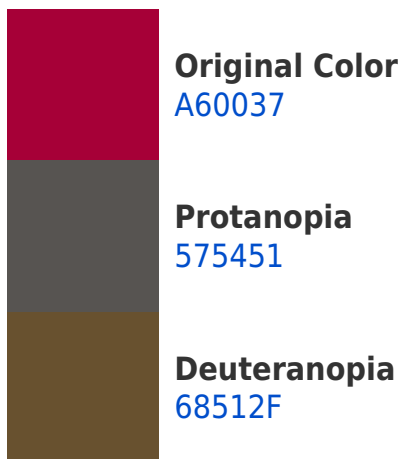


This preview shows how white text looks on a background with the Hex color A60037.

# 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**  
A51613

# Trichromacy



**Original Color**  
A60037

**Protanomaly**  
743548

**Deuteranomaly**  
7F3432

**Tritanomaly**  
A50E20

# Monochromacy



**Original Color**  
A60037

**Achromatopsia**  
383838

**Achromatomaly**  
602438

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A60037 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 #A60037 looks like.

```
.text, #text, p{  
    color:#A60037  
}
```

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 #A60037 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A60037
}
```

## Border

The CSS property to change the border of an element to Hex A60037 is called "border". The border property can be set on classes, ids or directly on the HTML element.

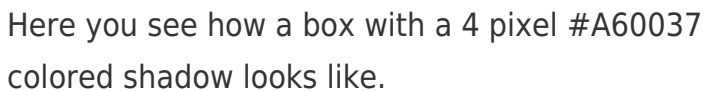
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A60037 }
```

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

```
.border{ border-color:#A60037 }
```

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



Here you see how a box with a 4 pixel #A60037 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A60037; -webkit-box-shadow:4px 4px  
4px 4px #A60037; box-shadow:4px 4px 4px  
4px #A60037 }
```

# Background

The CSS property to change the background color of an element to Hex A60037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A60037 }
```

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

```
.background{ background-color:#A60037 }
```

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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