

Converting Colors

Hex(A60047)

Have a look what the booklet for
Hex(A60047) contains.

Hex(A60047)	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(A60047)

Conversions

Conversions Part 1

Format	Color
Hex	A60047
RGB	166, 0, 71
RGB Percent	65%, 0%, 28%
CMY	0.3490, 1.0000, 0.7216
CMYK	0.00, 1.00, 0.57, 0.35
HSL	334°, 100%, 33%
HSV	334°, 100%, 65%
XYZ	16.8632, 8.5619, 6.7251
YIQ	57.7280, 76.1450, 57.2730

Conversions

Conversions Part 2

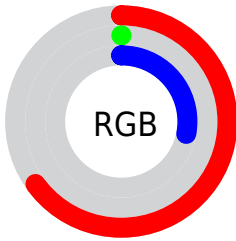
Format	Color
R_{YB}	166, 0, 71
Decimal	10879047
CIE _{Lab}	35.13, 60.58, 9.09
CIE _{LCh}	35, 61.260, 8.535
Yxy	8.5619, 0.5245, 0.2663
Android (android.graphics.Color)	4289069127 (0xFFA60047)
YUV	57.7280, 6.5431, 94.9545
Hunter-Lab	29.2608, 51.6647, 6.8558

Details

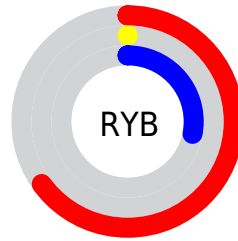
The Hex color **A60047** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00A65F**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **E34E77**, and **6B001C** is the 20% darker color. If you saturate the color by 10%, you get **A60047**, and if you desaturate by 10%, it is **A61150**.

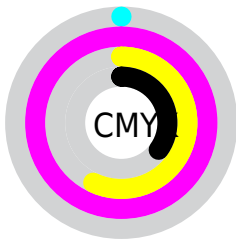
Distribution



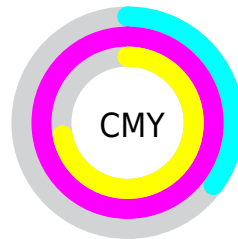
- Red (65%)
- Green (0%)
- Blue (28%)



- Red (65%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (57%)
- Black (35%)



- Cyan (35%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Hex color A60047 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 A60047 by changing the saturation by 10% instead.

 A60047

 A60047

FFFFFF

 880031

 E34E77

 6B001C

 FF6A91

 4F0001

 FF87AB

 320002

 FFA3C6

 000000

 FFC0E2

 FFD0FF

 FFFBFF

 A60047

 A61150

 A6215A

 A63263

 A6426D

 A65376

 A66480

 A67489

 A68593

 A6959C

Harmonies

Analogous

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



951B77



A60047



9D2617

Triad

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



A60047



1E6000



0061AE

Complementary

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



A60047



00A65F

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.



00668F



A60047



00652C

Square

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



A60047



595500



006760



0055B5

Rectangle

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



A60047



8C3A00



006760



0064A6

Sweetspot

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



A60047



D998B4



5E00A6



6E4657



EDEDED



6E6E6E

Same Dimension

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



A60047



D9005D



A60B00



544C4F



94003F



140009

Inverse Universe

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



A60047



D9005D



009BA6



544C4F



94003F



140009

Previews

White Background



This preview shows how the Hex color A60047 looks on a white background.

Color Contrast Check

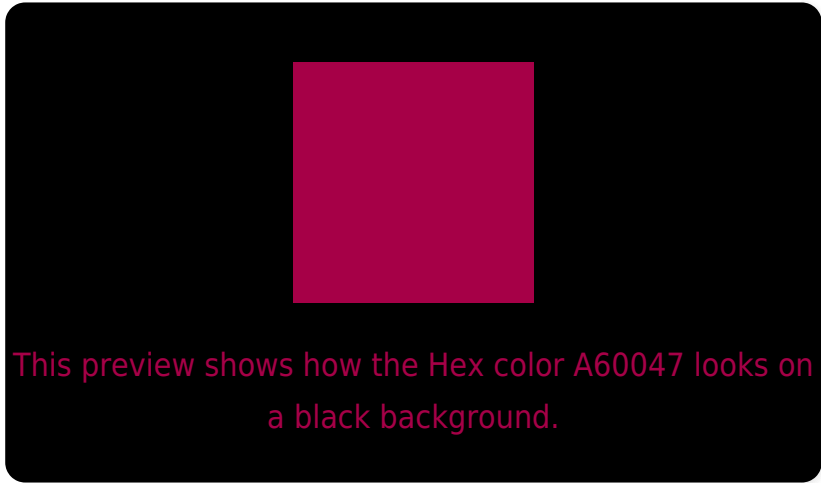
Large Text (above 18pt) WCAG AA ✓ Pass

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 A60047 Background



This preview shows how black text looks on a background with the Hex color A60047.

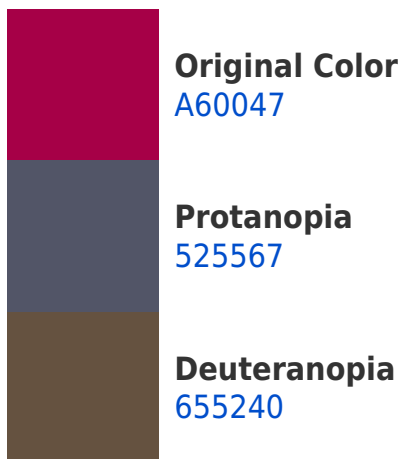


This preview shows how white text looks on a background with the Hex color A60047.

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
A41C1B

Trichromacy



Original Color
A60047

Protanomaly
71365B

Deuteranomaly
7D3443

Tritanomaly
A5122B

Monochromacy



Original Color
A60047

Achromatopsia
3A3A3A

Achromatomaly
61253F

CSS Examples

Text

The CSS property to change the color of the text to Hex A60047 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 #A60047 looks like.

```
.text, #text, p{  
    color:#A60047  
}
```

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 #A60047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A60047
}
```

Border

The CSS property to change the border of an element to Hex A60047 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".

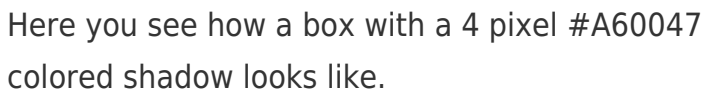
```
.border, #border, table{ border:4px solid
#A60047 }
```

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

```
.border{ border-color:#A60047 }
```

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

Here you see how a box with a 4 pixel #A60047 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a dark red border and a dark red shadow. The shadow is visible on the right and bottom sides of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A60047; -webkit-box-shadow:4px 4px  
4px 4px #A60047; box-shadow:4px 4px 4px  
4px #A60047 }
```

Background

The CSS property to change the background color of an element to Hex A60047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A60047 }
```

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

```
.background{ background-color:#A60047 }
```

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