

# Converting Colors

Hex(A60046)

Have a look what the booklet for  
Hex(A60046) contains.

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**Color**

**Hex(A60046)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A60046
RGB	166, 0, 70
RGB Percent	65%, 0%, 27%
CMY	0.3490, 1.0000, 0.7255
CMYK	0.00, 1.00, 0.58, 0.35
HSL	335°, 100%, 33%
HSV	335°, 100%, 65%
XYZ	16.8314, 8.5492, 6.5574
YIQ	57.6140, 76.4660, 56.9620

# Conversions

## Conversions Part 2

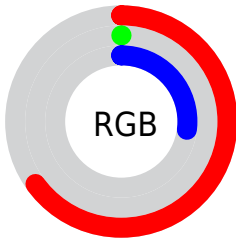
<b>Format</b>	<b>Color</b>
<b>RYB</b>	166, 0, 70
Decimal	10879046
CIELab	35.10, 60.51, 9.71
CIElCh	35, 61.288, 9.117
Yxy	8.5492, 0.5270, 0.2677
Android (android.graphics.Color)	4289069126 (0xFFA60046)
YUV	57.6140, 6.1063, 95.0545
Hunter-Lab	29.2390, 51.5850, 7.1704

# Details

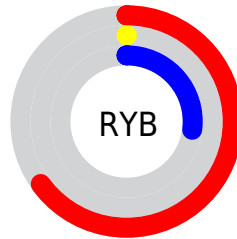
The Hex color **A60046** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00A660**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **E34E76**, and **6B001C** is the 20% darker color. If you saturate the color by 10%, you get **A60046**, and if you desaturate by 10%, it is **A61150**.

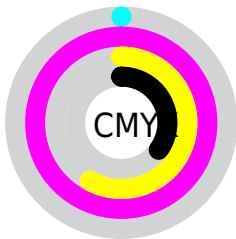
# Distribution



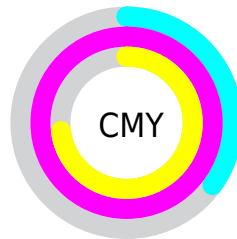
- Red (65%)
- Green (0%)
- Blue (27%)



- Red (65%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (58%)
- Black (35%)



- Cyan (35%)
- Magenta (100%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A60046 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 A60046 by changing the saturation by 10% instead.



 A60046

 A60046

FFFFFF

 880030

 E34E76

 6B001C

 FF6A8F

 4E0001

 FF87AA

 320002

 FFA3C5

 000000

 FFC0E1

 FFDDFE

 FFFBFF

 A60046

 A61150

 A62159

 A63263

 A6426C

 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.



961A77



A60046



9C2616

# Triad

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



A60046



1C6000



0061AF

# Complementary

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



A60046



00A660

# 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.



006690



A60046



00652D

# Square

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



A60046



585500



006761



0054B5

# Rectangle

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



A60046



8B3B00



006761



0064A7



# Sweetspot

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



A60046



D998B3



5E00A6



6E4657



EDEDED



6E6E6E



# Same Dimension

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



A60046



D9005B



A60B00



544C4F



94003E



140009



# Inverse Universe

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



A60046



D9005B



009BA6



544C4F



94003E



140009



# Previews

## White Background



This preview shows how the Hex color A60046 looks on a white background.

## Color Contrast Check

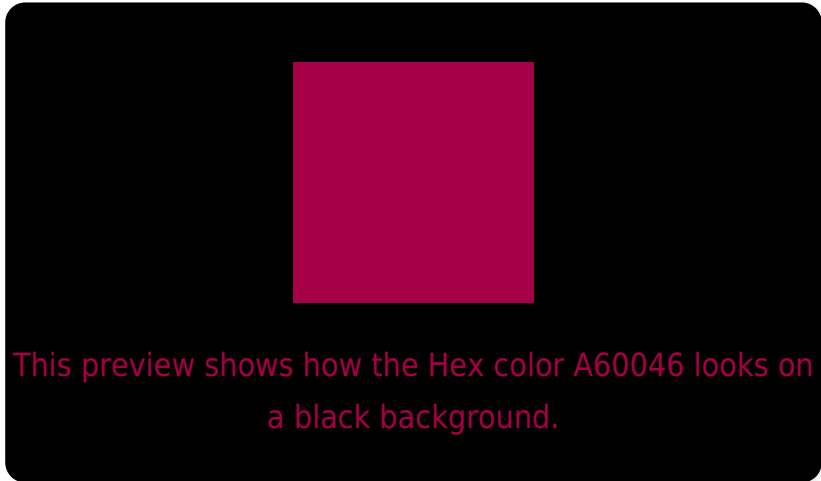
Large Text (above 18pt) WCAG AA ✓ Pass

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 A60046 Background



This preview shows how black text looks on a background with the Hex color A60046.

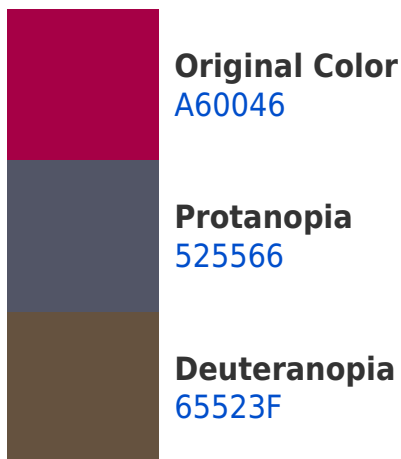


This preview shows how white text looks on a background with the Hex color A60046.

# 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**  
A60046

**Protanomaly**  
71365A

**Deuteranomaly**  
7D3442

**Tritanomaly**  
A5122B

# Monochromacy



**Original Color**  
A60046

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
61253E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A60046 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 #A60046 looks like.

```
.text, #text, p{  
    color:#A60046  
}
```

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 #A60046 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A60046
}
```

## Border

The CSS property to change the border of an element to Hex A60046 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".

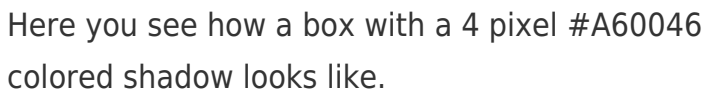
```
.border, #border, table{ border:4px solid
#A60046 }
```

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

```
.border{ border-color:#A60046 }
```

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

Here you see how a box with a 4 pixel #A60046 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A60046; -webkit-box-shadow:4px 4px  
4px 4px #A60046; box-shadow:4px 4px 4px  
4px #A60046 }
```

# Background

The CSS property to change the background color of an element to Hex A60046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A60046 }
```

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

```
.background{ background-color:#A60046 }
```

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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