

# Converting Colors

Hex(A6004C)

Have a look what the booklet for  
Hex(A6004C) contains.

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# Color

**Hex(A6004C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A6004C
RGB	166, 0, 76
RGB Percent	65%, 0%, 30%
CMY	0.3490, 1.0000, 0.7020
CMYK	0.00, 1.00, 0.54, 0.35
HSL	333°, 100%, 33%
HSV	333°, 100%, 65%
XYZ	17.0304, 8.6288, 7.6054
YIQ	58.2980, 74.5400, 58.8280

# Conversions

## Conversions Part 2

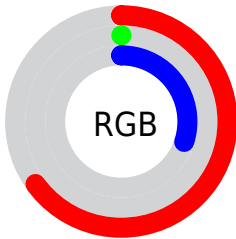
<b>Format</b>	<b>Color</b>
<b>RYB</b>	166, 0, 76
Decimal	10879052
CIELab	35.26, 60.93, 6.01
CIElCh	35, 61.230, 5.635
Yxy	8.6288, 0.5120, 0.2594
Android (android.graphics.Color)	4289069132 (0xFFA6004C)
YUV	58.2980, 8.7271, 94.4547
Hunter-Lab	29.3748, 52.0816, 5.2117

# Details

The Hex color **A6004C** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **00A65A**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **E24E7D**, and **6B0021** is the 20% darker color. If you saturate the color by 10%, you get **A6004C**, and if you desaturate by 10%, it is **A61155**.

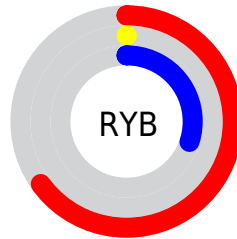
# Distribution



Red (65%)

Green (0%)

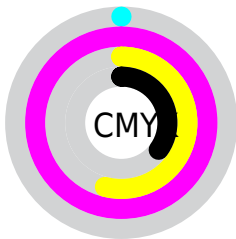
Blue (30%)



Red (65%)

Yellow (0%)

Blue (30%)

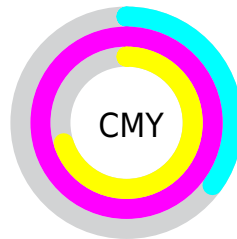


Cyan (0%)

Magenta (100%)

Yellow (54%)

Black (35%)



Cyan (35%)

Magenta (100%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6004C 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 A6004C by changing the saturation by 10% instead.



 A6004C

 A6004C

FFFFFF

 880036

 E24E7D

 6B0021

 FF6B96

 4F0008

 FF87B1

 320002

 FFA3CC

 000000

 FFC0E8

 FFD0FF

 FFFBFF

 A6004C

 A61155

 A6215E

 A63267

 A64270

 A65379

 A66482

 A6748B

 A68594

 A6959D

# Harmonies

## Analogous

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



931F7C



A6004C



9F231C

# Triad

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



A6004C



275F00



0063AD

# Complementary

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



A6004C



00A65A

# 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.



00678B



A6004C



006527

# Square

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



A6004C



5E5400



00675B



0057B6

# Rectangle

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



A6004C



8F3800



00675B



0065A4



# Sweetspot

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



A6004C



D998B5



5900A6



6E4658



EDEDED



6E6E6E



# Same Dimension

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



A6004C



D90063



A60600



544C50



940044



140009



# Inverse Universe

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



A6004C



D90063



00A0A6



544C50



940044



140009



# Previews

## White Background



This preview shows how the Hex color A6004C looks on a white background.

## Color Contrast Check

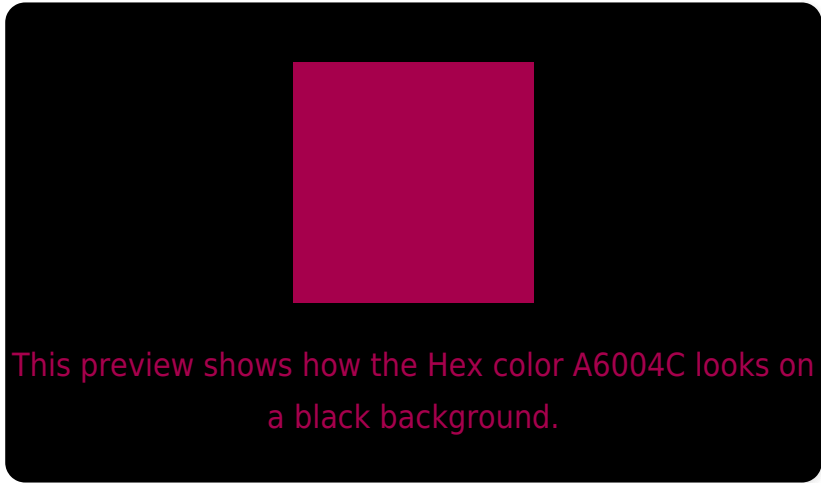
Large Text (above 18pt) WCAG AA ✓ Pass

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 A6004C Background



This preview shows how black text looks on a background with the Hex color A6004C.

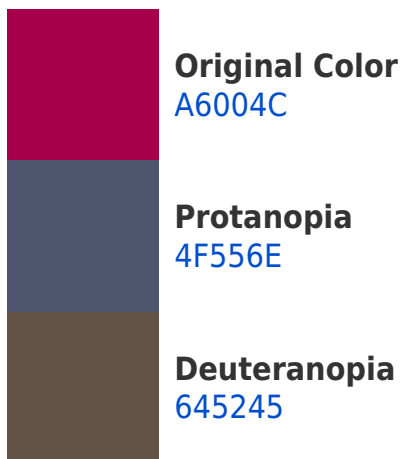


This preview shows how white text looks on a background with the Hex color A6004C.

# 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





# Trichromacy



**Original Color**  
A6004C

**Protanomaly**  
6F3662

**Deuteranomaly**  
7C3448

**Tritanomaly**  
A5132F

# Monochromacy



**Original Color**  
A6004C

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
612541

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6004C 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 #A6004C looks like.

```
.text, #text, p{  
    color:#A6004C  
}
```

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 #A6004C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6004C
}
```

## Border

The CSS property to change the border of an element to Hex A6004C is called "border". The border property can be set on classes, ids or directly on the HTML element.

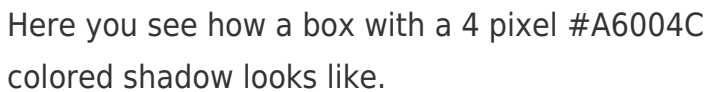
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A6004C }
```

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

```
.border{ border-color:#A6004C }
```

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



Here you see how a box with a 4 pixel `#A6004C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6004C; -webkit-box-shadow:4px 4px  
4px 4px #A6004C; box-shadow:4px 4px 4px  
4px #A6004C }
```

# Background

The CSS property to change the background color of an element to Hex A6004C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6004C }
```

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

```
.background{ background-color:#A6004C }
```

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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