

# Converting Colors

Hex(A4004D)

Have a look what the booklet for  
Hex(A4004D) contains.

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**Color**

**Hex(A4004D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4004D
RGB	164, 0, 77
RGB Percent	64%, 0%, 30%
CMY	0.3569, 1.0000, 0.6980
CMYK	0.00, 1.00, 0.53, 0.36
HSL	332°, 100%, 32%
HSV	332°, 100%, 64%
XYZ	16.6494, 8.4283, 7.7705
YIQ	57.8140, 73.0270, 58.7150

# Conversions

## Conversions Part 2

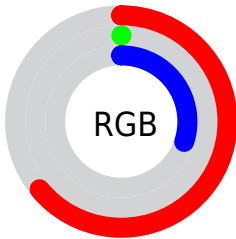
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 0, 77
Decimal	10747981
CIELab	34.86, 60.54, 4.73
CIElCh	35, 60.725, 4.468
Yxy	8.4283, 0.5069, 0.2566
Android (android.graphics.Color)	4288938061 (0xFFA4004D)
YUV	57.8140, 9.4587, 93.1251
Hunter-Lab	29.0316, 51.5631, 4.4528

# Details

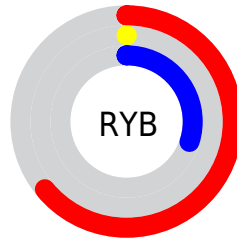
The Hex color **A4004D** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **00A457**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **E04E7E**, and **690022** is the 20% darker color. If you saturate the color by 10%, you get **A4004D**, and if you desaturate by 10%, it is **A41056**.

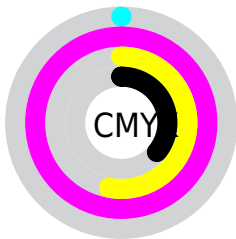
# Distribution



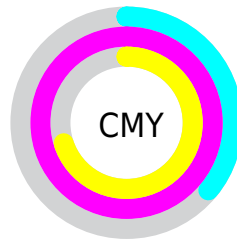
- Red (64%)
- Green (0%)
- Blue (30%)



- Red (64%)
- Yellow (0%)
- Blue (30%)



- Cyan (0%)
- Magenta (100%)
- Yellow (53%)
- Black (36%)



- Cyan (36%)
- Magenta (100%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4004D 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 A4004D by changing the saturation by 10% instead.



 A4004D

 A4004D

FFFFFF

 860036

 E04E7E

 690022

 FF6A97

 4D000A

 FF86B2

 310002

 FFA3CD

 000000

 FFC0EA

 FFD0FF

 FFFAFF

 A4004D

 A41056

 A4215E

 A43167

 A44270

 A45279

 A46281

 A4738A

 A48393

 A4949B

# Harmonies

## Analogous

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



90217D



A4004D



9E211E

# Triad

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



A4004D



295E00



0062AA

# Complementary

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



A4004D



00A457

# 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.



006688



A4004D



006425

# Square

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



A4004D



5F5200



006658



0056B4

# Rectangle

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



A4004D



8F3600



006658



0064A1



# Sweetspot

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



A4004D



D696B4



5500A4



6B4557



EBEBEB



6B6B6B



# Same Dimension

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



A4004D



D60065



A40300



52494D



910044



120008



# Inverse Universe

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



A4004D



D60065



00A1A4



52494D



910044



120008



# Previews

## White Background



This preview shows how the Hex color A4004D looks on a white background.

## Color Contrast Check

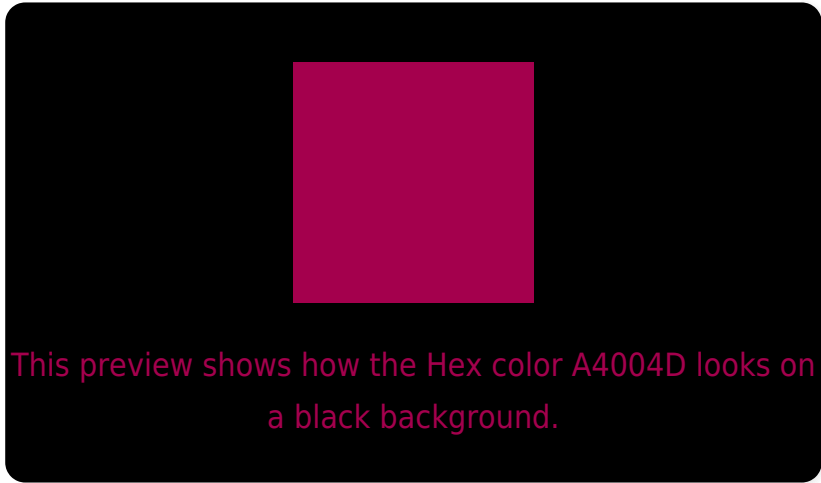
Large Text (above 18pt) WCAG AA ✓ Pass

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 A4004D Background



This preview shows how black text looks on a background with the Hex color A4004D.

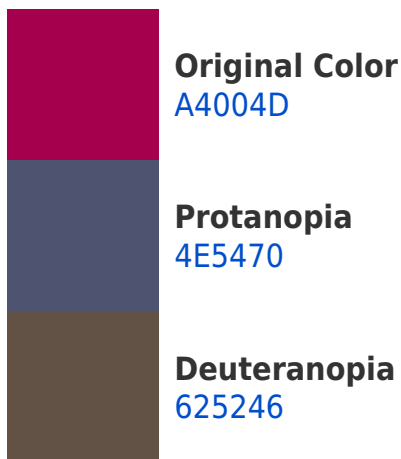


This preview shows how white text looks on a background with the Hex color A4004D.

# 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**  
A4004D

**Protanomaly**  
6D3563

**Deuteranomaly**  
7A3449

**Tritanomaly**  
A3142F

# Monochromacy



**Original Color**  
A4004D

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
612541

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4004D 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 #A4004D looks like.

```
.text, #text, p{  
    color:#A4004D  
}
```

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 #A4004D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4004D
}
```

## Border

The CSS property to change the border of an element to Hex A4004D is called "border". The border property can be set on classes, ids or directly on the HTML element.

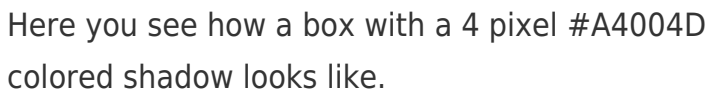
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A4004D }
```

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

```
.border{ border-color:#A4004D }
```

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



Here you see how a box with a 4 pixel #A4004D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4004D; -webkit-box-shadow:4px 4px  
4px 4px #A4004D; box-shadow:4px 4px 4px  
4px #A4004D }
```

# Background

The CSS property to change the background color of an element to Hex A4004D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4004D }
```

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

```
.background{ background-color:#A4004D }
```

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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