

# Converting Colors

Hex(A70065)

Have a look what the booklet for  
Hex(A70065) contains.

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**Color**

**Hex(A70065)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A70065
RGB	167, 0, 101
RGB Percent	65%, 0%, 40%
CMY	0.3451, 1.0000, 0.6039
CMYK	0.00, 1.00, 0.40, 0.35
HSL	324°, 100%, 33%
HSV	324°, 100%, 65%
XYZ	18.2853, 9.1551, 13.1153
YIQ	61.4470, 67.1110, 66.8150

# Conversions

## Conversions Part 2

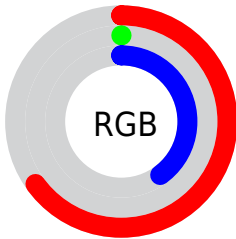
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 0, 101
Decimal	10944613
CIE <sub>Lab</sub>	36.28, 63.29, -8.63
CIE <sub>LCh</sub>	36, 63.877, 352.233
Yxy	9.1551, 0.4509, 0.2257
Android (android.graphics.Color)	4289134693 (0xFFA70065)
YUV	61.4470, 19.4996, 92.5700
Hunter-Lab	30.2574, 54.9219, -4.5196

# Details

The Hex color **A70065** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **00A742**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **E34F98**, and **6D0036** is the 20% darker color. If you saturate the color by 10%, you get **A70065**, and if you desaturate by 10%, it is **A7116C**.

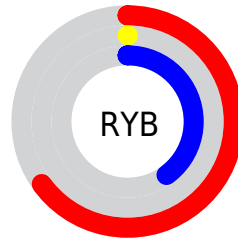
# Distribution



Red (65%)

Green (0%)

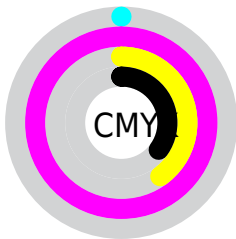
Blue (40%)



Red (65%)

Yellow (0%)

Blue (40%)

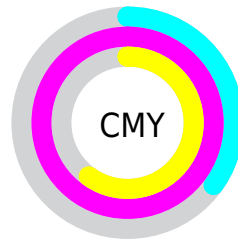


Cyan (0%)

Magenta (100%)

Yellow (40%)

Black (35%)



Cyan (35%)

Magenta (100%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A70065 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 A70065 by changing the saturation by 10% instead.



 A70065

 A70065

FFFFFF

 8A004D

 E34F98

 6D0036

 FF6CB3

 510021

 FF89CE

 370008

 FFA5EA

 0B0000

 FFC2FF

 000000

 FFDFFF

 FFFDFF

 A70065

 A7116C

 A72172

 A73279

 A7437F

 A75386

 A7648D

 A77593

 A7869A

 A796A0

# Harmonies

## Analogous

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



843095



A70065



AB0C32

# Triad

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



A70065



455E00



0069A7

# Complementary

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



A70065



00A742

# 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.



006B7B



A70065



006609

# Square

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



A70065



744F00



006A46



0060BC

# Rectangle

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



A70065



A02A10



006A46



006A9A



# Sweetspot

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



A70065



D998BF



4000A7



6E465E



EDEDED



6E6E6E



# Same Dimension

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



A70065



D90083



A70013



544C51



940059



14000C



# Inverse Universe

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



A70065



D90083



00A794



544C51



940059



14000C



# Previews

## White Background



This preview shows how the Hex color A70065 looks on a white background.

## Color Contrast Check

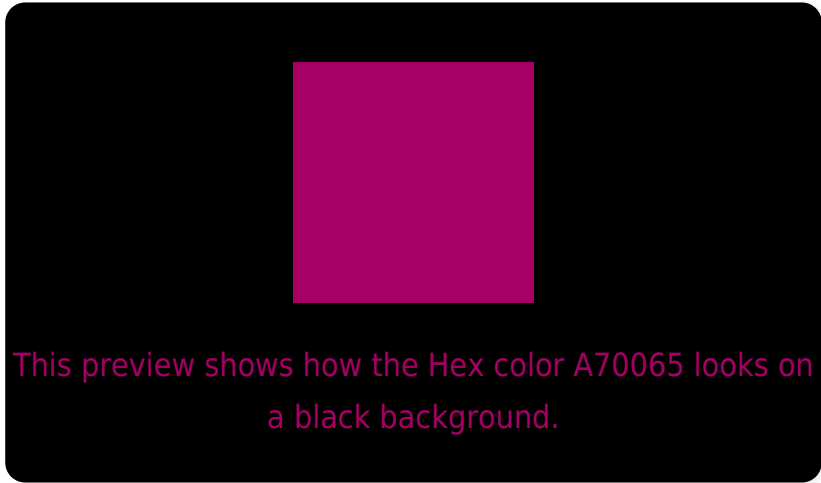
Large Text (above 18pt) WCAG AA ✓ Pass

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 A70065 Background



This preview shows how black text looks on a background with the Hex color A70065.



This preview shows how white text looks on a background with the Hex color A70065.

# 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



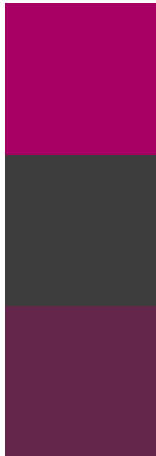
**Original Color**  
A70065

**Protanomaly**  
663781

**Deuteranomaly**  
793761

**Tritanomaly**  
A5193F

# Monochromacy



**Original Color**  
A70065

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
64274C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A70065 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 #A70065 looks like.

```
.text, #text, p{  
    color:#A70065  
}
```

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 #A70065 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A70065
}
```

## Border

The CSS property to change the border of an element to Hex A70065 is called "border". The border property can be set on classes, ids or directly on the HTML element.

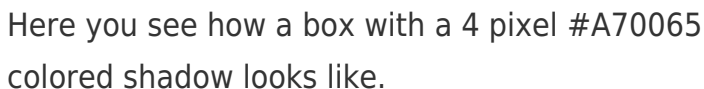
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A70065 }
```

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

```
.border{ border-color:#A70065 }
```

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



Here you see how a box with a 4 pixel #A70065 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A70065; -webkit-box-shadow:4px 4px  
4px 4px #A70065; box-shadow:4px 4px 4px  
4px #A70065 }
```

# Background

The CSS property to change the background color of an element to Hex A70065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A70065 }
```

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

```
.background{ background-color:#A70065 }
```

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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