

# Converting Colors

Hex(A50065)

Have a look what the booklet for  
Hex(A50065) contains.

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**Color**

**Hex(A50065)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A50065
RGB	165, 0, 101
RGB Percent	65%, 0%, 40%
CMY	0.3529, 1.0000, 0.6039
CMYK	0.00, 1.00, 0.39, 0.35
HSL	323°, 100%, 32%
HSV	323°, 100%, 65%
XYZ	17.8660, 8.9389, 13.0957
YIQ	60.8490, 65.9190, 66.3910

# Conversions

## Conversions Part 2

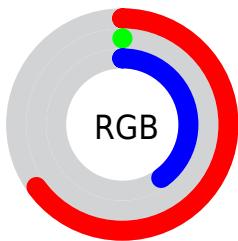
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 0, 101
Decimal	10813541
CIE <sub>Lab</sub>	35.87, 62.86, -9.30
CIE <sub>LCh</sub>	36, 63.539, 351.585
Yxy	8.9389, 0.4478, 0.2240
Android (android.graphics.Color)	4289003621 (0xFFA50065)
YUV	60.8490, 19.7944, 91.3404
Hunter-Lab	29.8980, 54.3438, -5.0410

# Details

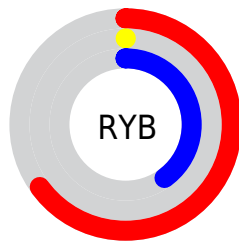
The Hex color **A50065** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **00A540**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **E04F98**, and **6B0036** is the 20% darker color. If you saturate the color by 10%, you get **A50065**, and if you desaturate by 10%, it is **A5106B**.

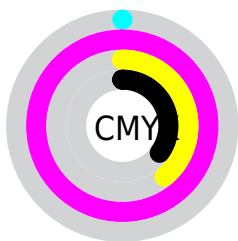
# Distribution



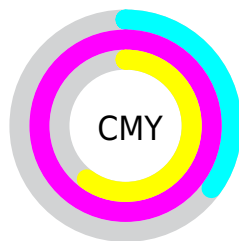
- Red (65%)
- Green (0%)
- Blue (40%)



- Red (65%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (39%)
- Black (35%)



- Cyan (35%)
- Magenta (100%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A50065 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 A50065 by changing the saturation by 10% instead.



 A50065

 A50065

FFFFFF

 88004D

 E04F98

 6B0036

 FF6CB3

 4F0021

 FF88CE

 350007

 FFA5EA

 050000

 FFC1FF

 000000

 FFDFFF

 FFFCFF

 A50065

 A5106B

 A52172

 A53278

 A5427F

 A55285

 A5638B

 A57392

 A58498

 A5949F

# Harmonies

## Analogous

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



813095



A50065



AA0A33

# Triad

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



A50065



455D00



0067A4

# Complementary

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



A50065



00A540

# 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.



006A79



A50065



006506

# Square

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



A50065



744D00



006944



005FBA

# Rectangle

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



A50065



9F2810



006944



006998



# Sweetspot

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



A50065



D696BD



3F00A5



6B455C



EBEBEB



6B6B6B



# Same Dimension

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



A50065



D60083



A50013



52494E



910059



12000B



# Inverse Universe

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



A50065



D60083



00A592



52494E



910059



12000B



# Previews

## White Background



This preview shows how the Hex color A50065 looks on a white background.

## Color Contrast Check

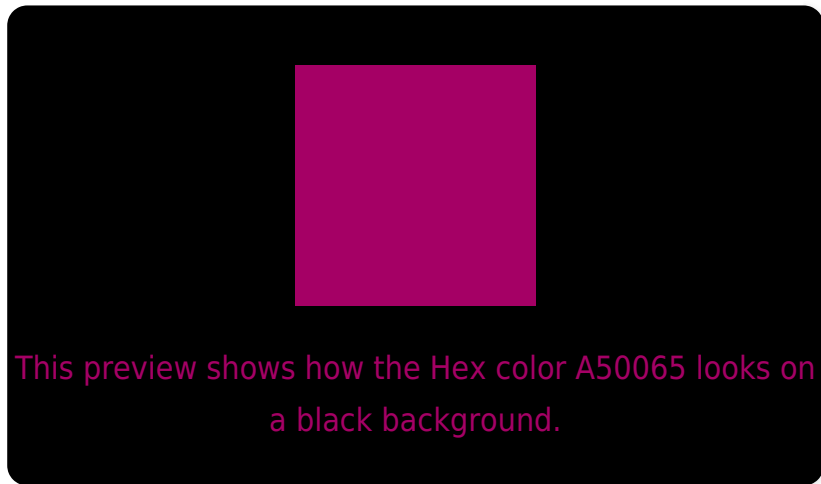
Large Text (above 18pt) WCAG AA ✓ Pass

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

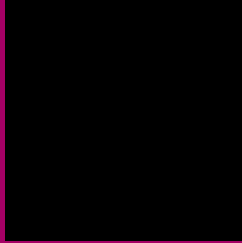
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A50065 Background



This preview shows how black text looks on a background with the Hex color A50065.



This preview shows how white text looks on a background with the Hex color A50065.

# 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



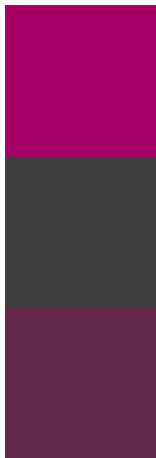
**Original Color**  
A50065

**Protanomaly**  
643681

**Deuteranomaly**  
773661

**Tritanomaly**  
A2193F

# Monochromacy



**Original Color**  
A50065

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
63274C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A50065 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 #A50065 looks like.

```
.text, #text, p{  
    color:#A50065  
}
```

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 #A50065 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A50065  
}
```

## Border

The CSS property to change the border of an element to Hex A50065 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  
#A50065 }
```

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

```
.border{ border-color:#A50065 }
```

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

Here you see how a box with a 4 pixel #A50065 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A50065; -webkit-box-shadow:4px 4px  
4px 4px #A50065; box-shadow:4px 4px 4px  
4px #A50065 }
```

# Background

The CSS property to change the background color of an element to Hex A50065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A50065 }
```

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

```
.background{ background-color:#A50065 }
```

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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