

# Converting Colors

Hex(A50090)

Have a look what the booklet for  
Hex(A50090) contains.

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**Color**

**Hex(A50090)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A50090
RGB	165, 0, 144
RGB Percent	65%, 0%, 56%
CMY	0.3529, 1.0000, 0.4353
CMYK	0.00, 1.00, 0.13, 0.35
HSL	308°, 100%, 32%
HSV	308°, 100%, 65%
XYZ	20.5511, 10.0129, 27.2351
YIQ	65.7510, 52.1160, 79.7640

# Conversions

## Conversions Part 2

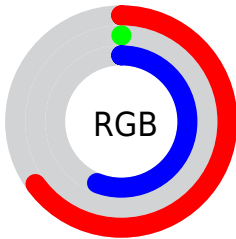
<b>Format</b>	<b>Color</b>
<b>RYB</b>	165, 0, 144
Decimal	10813584
CIELab	37.87, 67.92, -33.14
CIELCh	38, 75.577, 333.990
Yxy	10.0129, 0.3556, 0.1732
Android (android.graphics.Color)	4289003664 (0xFFA50090)
YUV	65.7510, 38.5768, 87.0414
Hunter-Lab	31.6432, 60.5533, -28.8802

# Details

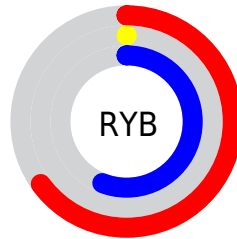
The Hex color **A50090** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **00A515**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **E051C6**, and **6C005D** is the 20% darker color. If you saturate the color by 10%, you get **A50090**, and if you desaturate by 10%, it is **A51092**.

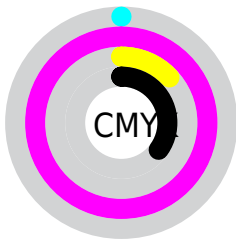
# Distribution



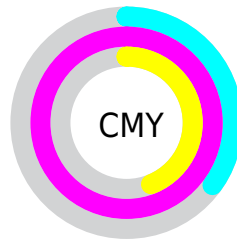
- Red (65%)
- Green (0%)
- Blue (56%)



- Red (65%)
- Yellow (0%)
- Blue (56%)



- Cyan (0%)
- Magenta (100%)
- Yellow (13%)
- Black (35%)



- Cyan (35%)
- Magenta (100%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A50090 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 A50090 by changing the saturation by 10% instead.



 A50090

 A50090

FFFFFF

 880076

 E051C6

 6C005D

 FE6EE2

 510045

 FF8BFF

 37002E

 FFA8FF

 160018

 FFC5FF

 000000

 FFE2FF

 A50090

 A51092

 A52194

 A53296

 A54298

 A5529B

 A5639D

 A5739F

 A584A1

 A594A3

# Harmonies

## Analogous

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



5943C0



A50090



BE0054

# Triad

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



A50090



665A00



00719D

# Complementary

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



A50090



00A515

# 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.



007160



A50090



1F6800

# Square

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



A50090



963F00



006E1D



006DC9

# Rectangle

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



A50090



BC002C



006E1D



00718A



# Sweetspot

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



A50090



D696CE



1300A5



6B4566



EBEBEB



6B6B6B



# Same Dimension

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



A50090



D600BB



A5003F



524951



91007F



120010



# Inverse Universe

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



A50090



D600BB



00A566



524951



91007F



120010



# Previews

## White Background



This preview shows how the Hex color A50090 looks on a white background.

## Color Contrast Check

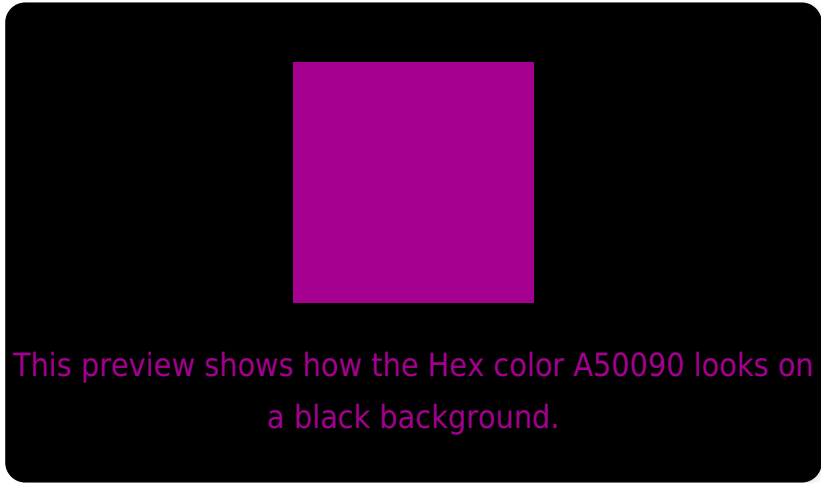
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

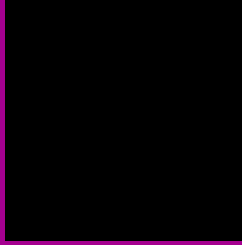
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A50090 Background



This preview shows how black text looks on a background with the Hex color A50090.



This preview shows how white text looks on a background with the Hex color A50090.

# 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**  
9D393C

# Trichromacy



**Original Color**  
A50090



**Protanomaly**  
3C39AC



**Deuteranomaly**  
6A3A8A



**Tritanomaly**  
A0245B

# Monochromacy



**Original Color**  
A50090



**Achromatopsia**  
424242



**Achromatomaly**  
662A5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A50090 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 #A50090 looks like.

```
.text, #text, p{  
    color:#A50090  
}
```

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 #A50090 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A50090
}
```

## Border

The CSS property to change the border of an element to Hex A50090 is called "border". The border property can be set on classes, ids or directly on the HTML element.

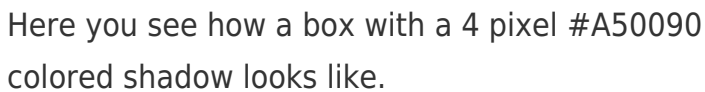
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A50090 }
```

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

```
.border{ border-color:#A50090 }
```

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



Here you see how a box with a 4 pixel #A50090 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A50090; -webkit-box-shadow:4px 4px  
4px 4px #A50090; box-shadow:4px 4px 4px  
4px #A50090 }
```

# Background

The CSS property to change the background color of an element to Hex A50090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A50090 }
```

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

```
.background{ background-color:#A50090 }
```

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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