

# Converting Colors

Hex(A50092)

Have a look what the booklet for  
Hex(A50092) contains.

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**Color**

**Hex(A50092)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A50092
RGB	165, 0, 146
RGB Percent	65%, 0%, 57%
CMY	0.3529, 1.0000, 0.4275
CMYK	0.00, 1.00, 0.12, 0.35
HSL	307°, 100%, 32%
HSV	307°, 100%, 65%
XYZ	20.7054, 10.0747, 28.0474
YIQ	65.9790, 51.4740, 80.3860

# Conversions

## Conversions Part 2

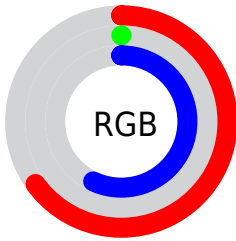
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	165, 0, 146
Decimal	10813586
CIE <sub>Lab</sub>	37.98, 68.20, -34.19
CIE <sub>LCh</sub>	38, 76.287, 333.371
Yxy	10.0747, 0.3520, 0.1713
Android (android.graphics.Color)	4289003666 (0xFFA50092)
YUV	65.9790, 39.4504, 86.8414
Hunter-Lab	31.7406, 60.8949, -30.1729

# Details

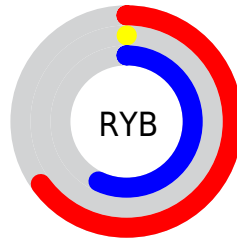
The Hex color **A50092** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **00A513**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **E051C8**, and **6C005F** is the 20% darker color. If you saturate the color by 10%, you get **A50092**, and if you desaturate by 10%, it is **A51094**.

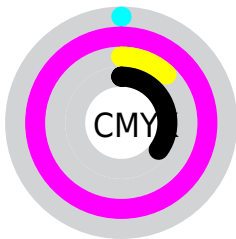
# Distribution



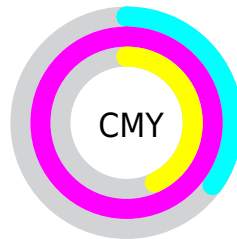
- Red (65%)
- Green (0%)
- Blue (57%)



- Red (65%)
- Yellow (0%)
- Blue (57%)



- Cyan (0%)
- Magenta (100%)
- Yellow (12%)
- Black (35%)



- Cyan (35%)
- Magenta (100%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A50092 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 A50092 by changing the saturation by 10% instead.



 A50092

 A50092

FFFFFF

 880078

 E051C8

 6C005F

 FE6FE5

 510047

 FF8BFF

 370030

 FFA8FF

 16001A

 FFC5FF

 000000

 FFE2FF

 A50092

 A51094

 A52196

 A53298

 A5429A

 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.



5644C2



A50092



BF0055

# Triad

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



A50092



685A00



00729D

# Complementary

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



A50092



00A513

# 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.



00715F



A50092



216800

# Square

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



A50092



983F00



006E1B



006EC9

# Rectangle

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



A50092



BD002E



006E1B



007289



# Sweetspot

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



A50092



D696CF



1000A5



6B4567



EBEBEB



6B6B6B



# Same Dimension

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



A50092



D600BE



A50042



524951



910081



120010



# Inverse Universe

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



A50092



D600BE



00A563



524951



910081



120010



# Previews

## White Background



This preview shows how the Hex color A50092 looks on a white background.

## Color Contrast Check

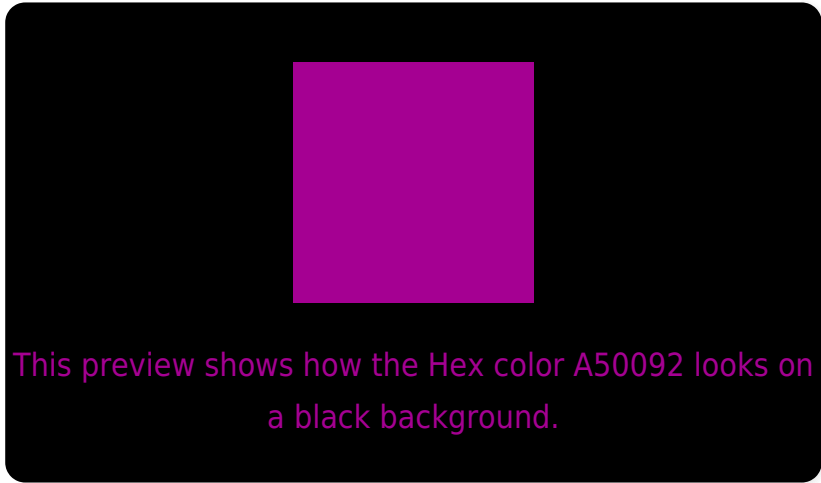
Large Text (above 18pt) WCAG AA ✓ Pass

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

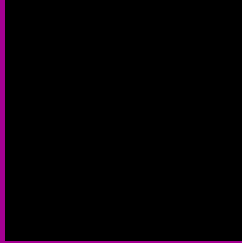
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A50092 Background



This preview shows how black text looks on a background with the Hex color A50092.




This preview shows how white text looks on a background with the Hex color A50092.

# 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**  
9D393D

# Trichromacy



**Original Color**  
A50092



**Protanomaly**  
3C39AD



**Deuteranomaly**  
6A3B8C



**Tritanomaly**  
A0245C

# Monochromacy



**Original Color**  
A50092



**Achromatopsia**  
424242



**Achromatomaly**  
662A5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A50092 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 #A50092 looks like.

```
.text, #text, p{  
    color:#A50092  
}
```

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 #A50092 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A50092
}
```

## Border

The CSS property to change the border of an element to Hex A50092 is called "border". The border property can be set on classes, ids or directly on the HTML element.

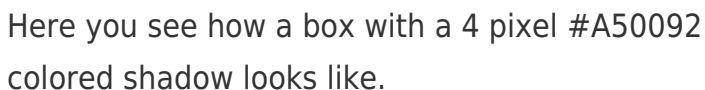
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A50092 }
```

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

```
.border{ border-color:#A50092 }
```

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



Here you see how a box with a 4 pixel #A50092 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A50092; -webkit-box-shadow:4px 4px  
4px 4px #A50092; box-shadow:4px 4px 4px  
4px #A50092 }
```

# Background

The CSS property to change the background color of an element to Hex A50092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A50092 }
```

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

```
.background{ background-color:#A50092 }
```

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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